

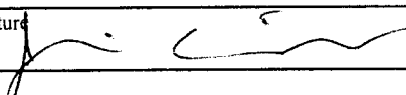
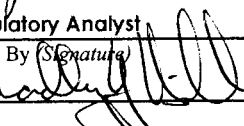
UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-73190
1b. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name
2. Name of Operator EnCana Oil & Gas (USA) Inc.		7. If Unit or CA Agreement, Name and No. Bull Horn Unit #UTU-81301X
3a. Address 370 17th St., Suite 1700, Denver CO 80202		8. Lease Name and Well No. Bull Horn Fed 10-21-30-25
3b. Phone No. (include area code) 303-623-2300		9. API Well No. 43-037-31849
4. Location of well (Report location clearly and in accordance with any State requirements. *) At surface 660157X 4228497 Y 38.192036 -109.171174 2569' FSL & 764' FWL NW SW At proposed prod. zone 2496' FNL & 750' FWL SW NW -109.171218		10. Field and Pool, or Exploratory Wildcat
11. Sec., T., R., M., or Blk. And Survey or Area Sec. 10, T30S-R25E		12. County or Parish San Juan
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Approximately 10 Miles SE of La Sal, UT		13. State Utah
15. Distance from proposed* location to nearest property or lease line, ft. 589' (Also to nearest drlg unit line, if any) 589' Unit line	16. No. of Acres in lease 1,878.03	17. Spacing Unit dedicated to this well 40 acres
18. Distance from proposed location* to nearest well, drilling completed, applied for, on this lease, ft. Approx. 2780'	19. Proposed Depth 5890' TVD	20. BLM/ BIA Bond No. on file RLB0004733
21. Elevations (Show whether DF, RT, GR, etc.) 6824.6' GR	22. Approximate date work will start* May, 2006	23. Estimated Duration 30 Days
24. Attachments		

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1 shall be attached to this form:

- | | |
|---|---|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by existing bond on file (see item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification. |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/ or plans as may be required by the authorized officer. |

I hereby certify that EnCana Oil & Gas (USA) Inc. is responsible under the terms and conditions of the lease to conduct lease operations.
Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by RLB0004733.

25. Signature 	Name (Printed/ Typed) Jevin Croteau	Date 4/21/06
Title Regulatory Analyst		
Approved By (Signature) 	Name (Printed/ Typed) BRADLEY G. HILL	Date 04-27-06
Title ENVIRONMENTAL MANAGER		

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

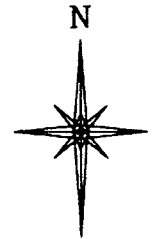
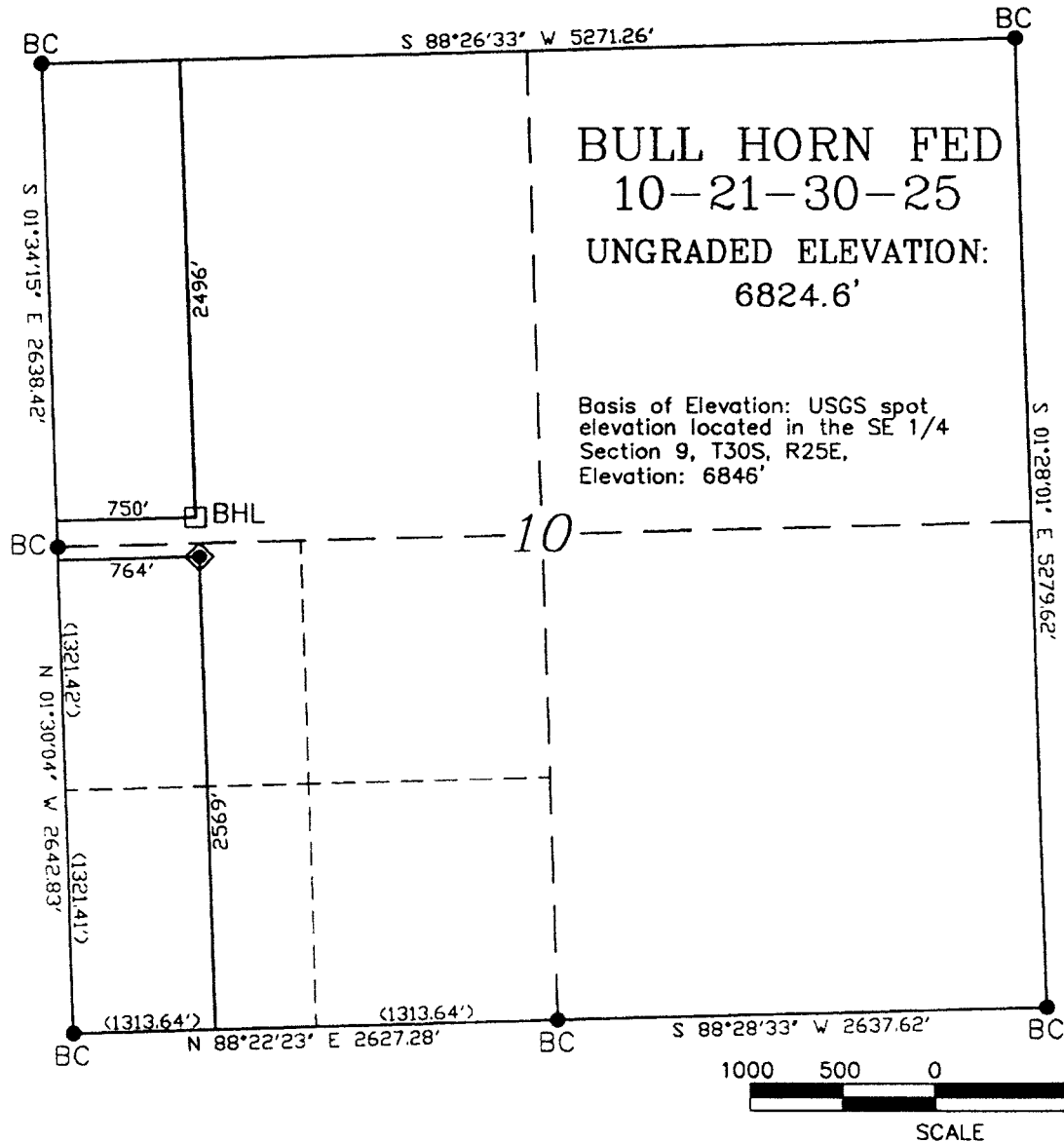
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

* (Instructions on page 2)

Federal Approval of this
Action is Necessary

RECEIVED
APR 24 2006
DIV. OF OIL, GAS & MINING

R. 25 E.



SCALE: 1" = 1000'

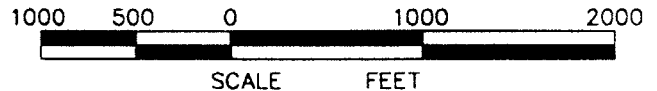
T. 30 S.

LATITUDE
NORTH 38.192163 DEG.

LONGITUDE
WEST 109.171084 DEG.

NORTHING
563793.99
EASTING
2669286.04

DATUM
SPCS UT SOUTH (NAD 27)



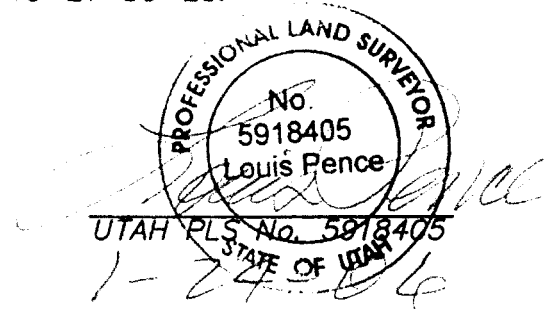
SURVEYOR'S STATEMENT

I, Louis A. Pence, of Rock Springs, Wyoming, hereby state: This map was made from notes taken during an actual survey under my direct supervision on JANUARY 16, 2006, and it correctly shows the location of BULL HORN FED 10-21-30-25.

NOTES

- ◆ WELL LOCATION
- FOUND MONUMENT
- APPROXIMATE BOTTOM HOLE LOCATION

EXHIBIT 1



RIFFIN & ASSOCIATES, INC.

1414 ELK ST., SUITE 202
ROCK SPRINGS, WY 82901
(307) 362-5028

SCALE: 1" = 1000'

JOB No. 13599

DATE: 1/24/06

**PLAT OF DRILLING LOCATION
FOR
ENCANA OIL & GAS (USA) INC.**

**2569' F/SL & 764' F/WL, SECTION 10,
T. 30 S., R. 25 E., SALT LAKE B.M.
SAN JUAN COUNTY, UTAH**



EnCana Oil & Gas (USA) Inc.

370 17th Street
Suite 1700
Denver, CO 80202

tel: (303) 623-2300
fax: (303) 623-2400
www.encana.com

April 26, 2006

Mr. Daniel Rowe
Cabot Oil and Gas Corporation
600 17th Street, Suite 900 North
Denver, Colorado 80202

Re: Directional Drilling Consent
Bull Horn Unit 10-21 Well
NWSW Section 10-T30S-R25E (SHL)
SWNW Section 10-T30S-R25E (BHL)
San Juan County, Utah

Gentlemen:

As you are aware, EnCana Oil & Gas (USA) Inc., has proposed drilling of the Bull Horn Unit 10-21 well in Section 10, Township 30 South, Range 25 East, San Juan County, Utah. Due to topographical concerns, the location for this well will require a directional drilling consent pursuant to the requirements of the Utah Oil and Gas Conservation Rules R649-3-11.

We propose the surface location at 2569' FSL and 764' FWL, and bottom hole location at 2496' FNL and 750' FWL, in Section 10, Township 30 South, Range 25 East, San Juan County, Utah.

In accordance with the above referenced rules, please indicate your consent to the location exception of the Bull Horn Unit 10-21 well by signing in the space provided below and returning one signed original to the undersigned at your earliest convenience.

Thank you for your help in this matter.

Sincerely,
EnCana Oil & Gas (USA) Inc.

Nhatran H. Tran
Land Negotiator

Exception Location for the Bull Horn Unit 10-21 well is hereby approved this 26 day of April, 2006.

By:
Title: Landman, Cabot Oil and Gas Corporation



EnCana Oil & Gas (USA) Inc.

EnCana Oil & Gas (USA) Inc. tel: 720-876-5339
370 – 17th Street
Suite 1700 fax: 720-876-6339
Denver, CO 80202

www.encana.com

April 21, 2006

Diana Whitney
Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, UT 84114-5801

RE: Bull Horn Fed 10-21-30-25
Section 10, T30S R25E
San Juan County, UT

Dear Ms. Whitney:

EnCana Oil & Gas (USA) Inc. is requesting approval to directionally drill the subject well per the Utah Department of Natural Resources, Division of Oil, Gas and Mining Applicable Rules R649-3-11. Please find the following information as required for our proposed Bull Horn Fed 15-14-30-25 application:

- EnCana Oil & Gas (USA) Inc. & Cabot Oil & Gas own all oil & gas within 460' of the intended well bore.
- Surface and Bottom Hole located on BLM Lease No. UTU-74464 within the Bull Horn Unit and the Big Indian (South) Field.
- SWNW, Section 10, T30S R25E, San Juan County, Utah.
- Location plat with surface and bottom hole locations attached.
- Request for an Exception Location, Cabot's letter of consent, Lease and federal unit map attached.
- Proposed Directional Report attached.

EnCana is drilling this well as a directional well do to topographical concerns above the bottom hole target. The BLM is in agreement with both EnCana's surface and bottom hole locations as proposed for the subject well.

If you have any questions or need additional information, I can be reached at (720) 876-5339.

Sincerely,

A handwritten signature in black ink, appearing to read "Jevin Croteau", with a long, sweeping horizontal line extending to the right.

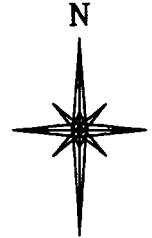
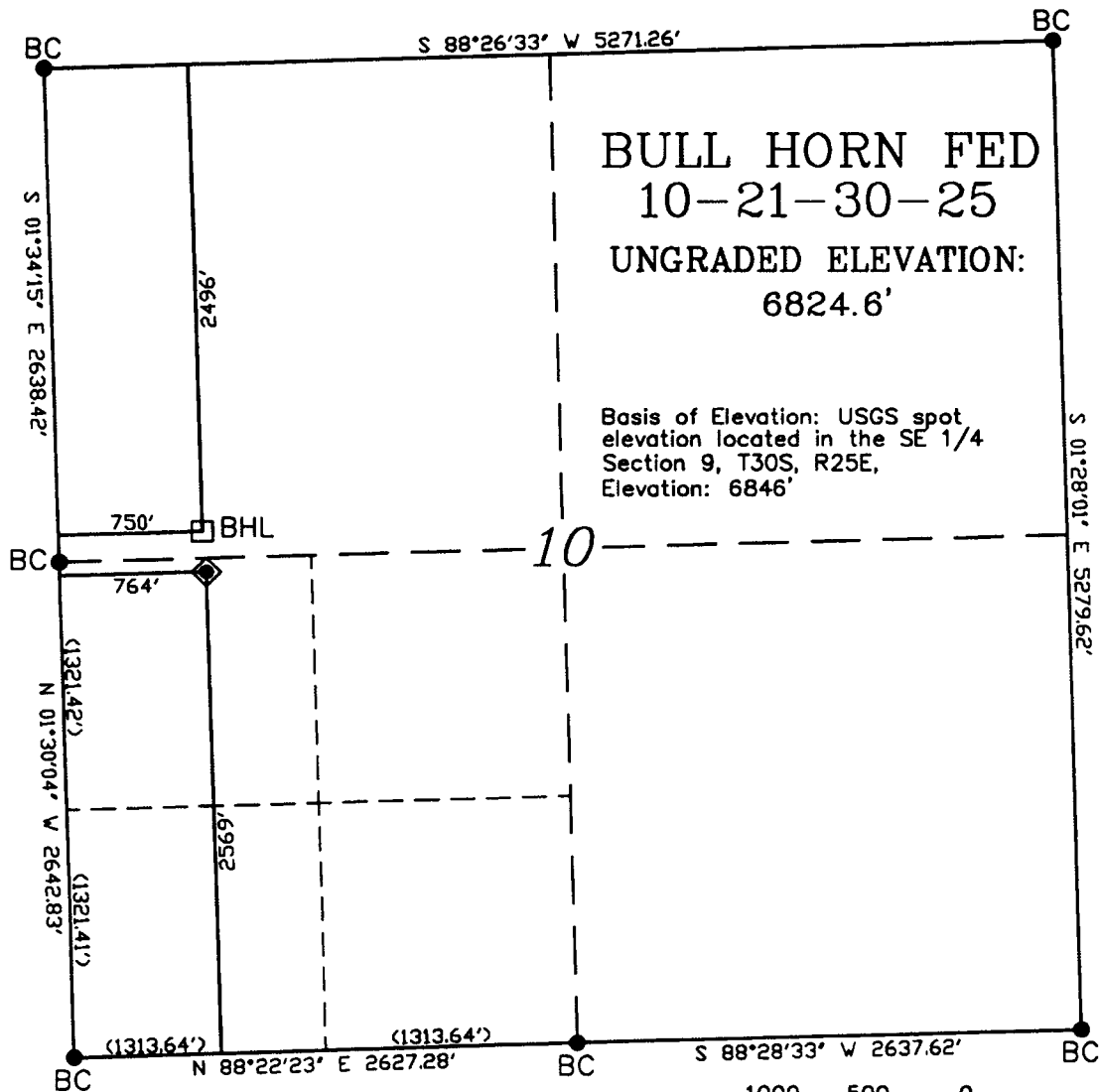
Jevin Croteau
Regulatory Analyst

Attachment

RECEIVED
APR 24 2006

DIV. OF OIL, GAS & MINING

R. 25 E.



SCALE: 1" = 1000'

T. 30 S.

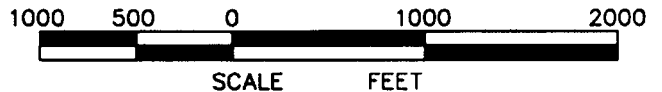
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LONGITUDE
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DATUM
SPCS UT SOUTH (NAD 27)



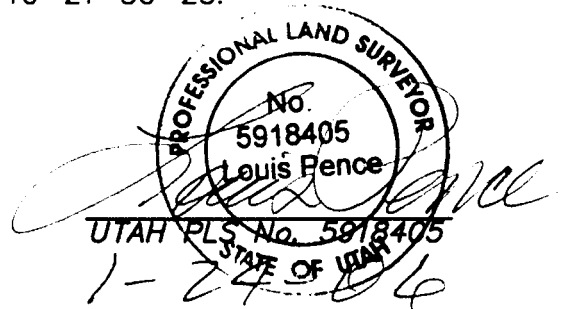
SURVEYOR'S STATEMENT

I, Louis A. Pence, of Rock Springs, Wyoming, hereby state: This map was made from notes taken during an actual survey under my direct supervision on JANUARY 16, 2006, and it correctly shows the location of BULL HORN FED 10-21-30-25.

NOTES

- ◆ WELL LOCATION
- FOUND MONUMENT
- APPROXIMATE BOTTOM HOLE LOCATION

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RIFFIN & ASSOCIATES, INC.

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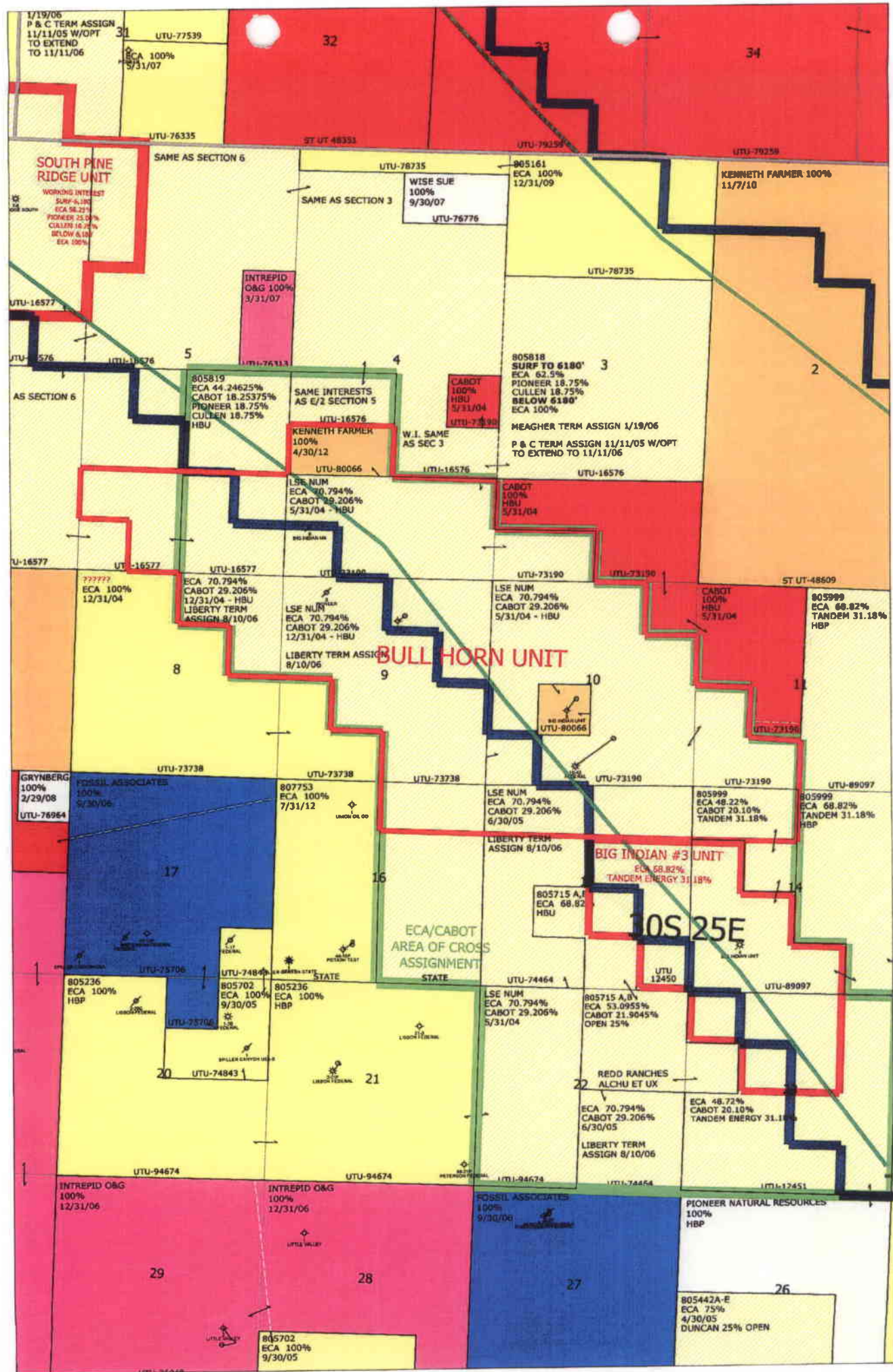
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JOB No. 13599

DATE: 1/24/06

**PLAT OF DRILLING LOCATION
FOR
ENCANA OIL & GAS (USA) INC.**

**2569' F/SL & 764' F/WL, SECTION 10,
T. 30 S., R. 25 E., SALT LAKE B.M.
SAN JUAN COUNTY, UTAH**





ENCANA OIL & GAS (USA) INC



INTEQ

Location: UTAH

Slot: Slot #1 Bull Horn Federal 15-14-30-25

Field: SAN JUAN COUNTY

Well: Bull Horn Federal 15-14-30-25

Facility: SEC-15-T30S-R25E

Wellbore: Bull Horn Federal 15-14-30-25 PWB

Well Profile Data

Design Comment	MD (ft)	Inc (")	Az (")	TVD (ft)	Local N (ft)	Local E (ft)	DLS (°/100ft)	VS (ft)
Tie On	0.00	0.000	289.220	0.00	0.00	0.00	0.00	0.00
End of Tangent	400.00	0.000	289.220	400.00	0.00	0.00	0.00	0.00
Build (S)	1460.00	26.500	289.220	1422.61	79.27	-227.37	2.50	240.79
End of Tangent (S)	1798.01	26.500	289.220	1725.11	128.92	-369.79	0.00	391.61
Drop (S)	3123.01	0.000	289.220	3003.37	228.00	-654.00	2.00	692.60
End of Tangent	5794.64	0.000	289.220	5675.00	228.00	-654.00	0.00	692.60

Targets

Name	MD (ft)	TVD (ft)	Local N (ft)	Local E (ft)	Grid East (SBR)	Grid North (SBR)	Latitude	Longitude
15-14-30-25 Target BHL		3000.00	228.00	-654.00	267292.28	580783.48	38° 17' 01.25"N	106° 06' 35.070"W

Scale 1 inch = 900 ft

Easting (ft)

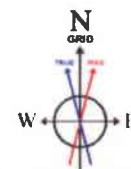
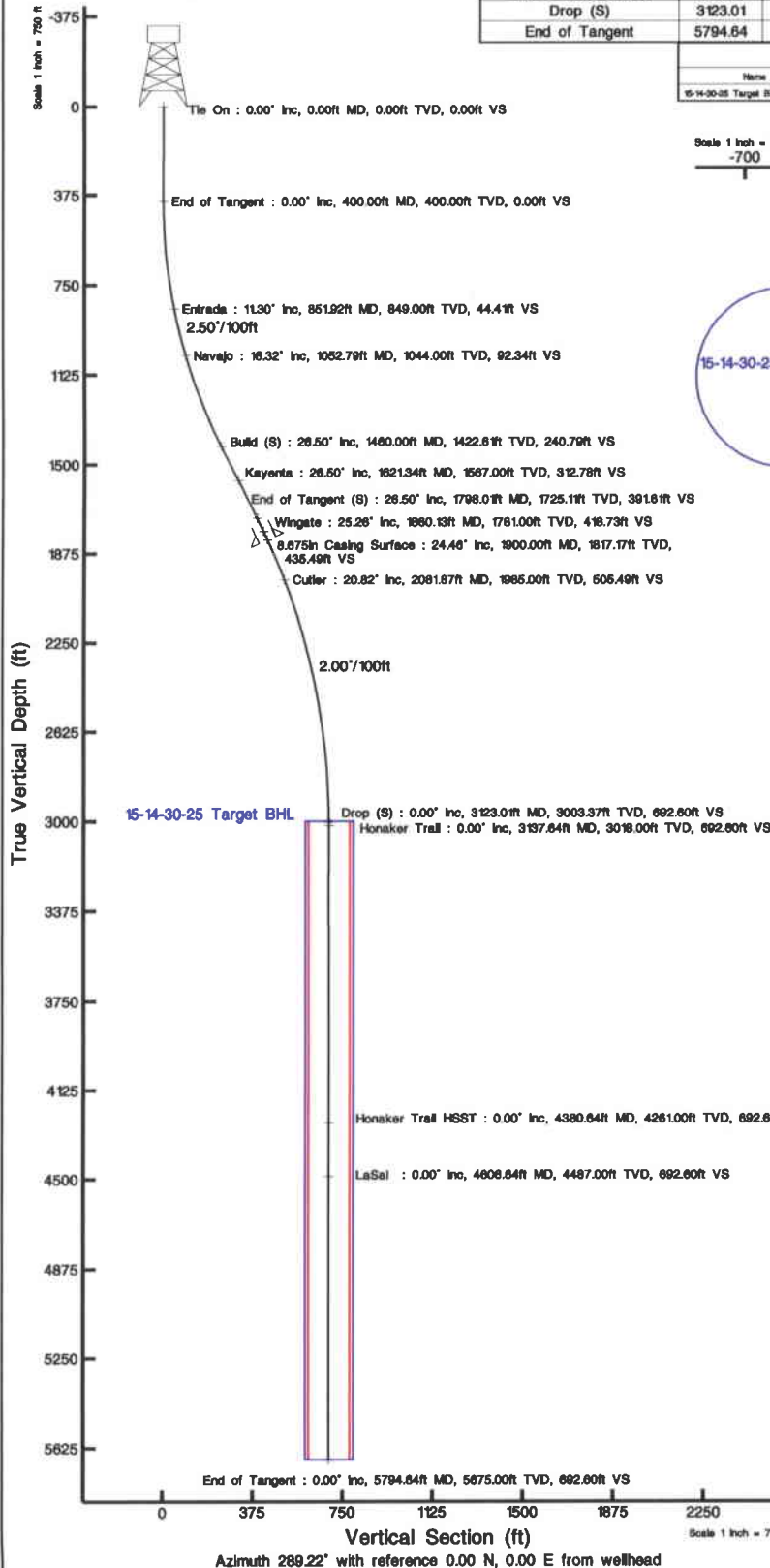


TARGET: 100' RADIUS
CENTER @ BHL
550'FNL & 1250'FEL



Slot #1 Bull Horn Federal 15-14-30-25

SURFACE HOLE LOCATION
778'FNL & 596'FEL



BGGM (1945.0 to 2007.0) Dip: 64.58° Field: 51933 nT
Magnetic North is 11.33 degrees East of True North (at 04/18/08)
Grid North is 1.44 degrees East of True North
To correct azimuth from True to Grid subtract 1.44 degrees
To correct azimuth from Magnetic to Grid add 9.90 degrees

Approval	
Prepared by	Reviewed by
Checked by	Approved by
Date	Date
Comments	

Location Information	
Facility Name	Grid East (SBR)
SEC-15-T30S-R25E	267292.28
Well	Grid North (SBR)
15-14-30-25	580783.48
Local N (ft)	Local E (ft)
228.00	-654.00
Grid East (SBR)	Grid North (SBR)
267292.28	580783.48
Latitude	Longitude
38° 17' 01.25"N	106° 06' 35.070"W
Wellbore Name	
15-14-30-25 PWB	
Wellbore Depth	
5675.00	



Planned Wellpath Report

Wellpath: Bull Horn Federal 15-14-30-25 PWP

Page 1 of 4



REFERENCE WELLPATH IDENTIFICATION

Operator	ENCANA OIL & GAS (USA) INC	Slot	Slot #1 Bull Horn Federal 15-14-30-25
Area	UTAH	Well	Bull Horn Federal 15-14-30-25
Field	SAN JUAN COUNTY	Wellbore	Bull Horn Federal 15-14-30-25 PWB
Facility	SEC.15-T30S-R25E		

REPORT SETUP INFORMATION

Projection System	NAD27 / Lambert Utah State Planes, Southern Zone (4303), US feet	Software System	WellArchitect™ 1.1
North Reference	Grid	User	Boltcasm
Scale	0.999975	Report Generated	04/19/06 at 08:41:36
Wellbore last revised	04/18/06	Database/Source file	WA_Denver/Bull_Horn

WELLPATH LOCATION

	Local coordinates		Grid coordinates		Geographic coordinates	
	North [feet]	East [feet]	Easting [US feet]	Northing [US feet]	Latitude [°]	Longitude [°]
Slot Location	0.00	0.00	2673276.24	560555.50	38 10 58.796N	109 09 26.953W
Facility Reference Pt			2673276.24	560555.50	38 10 58.796N	109 09 26.953W
Field Reference Pt			0.00	0.00	36 28 00.166N	118 18 20.683W

WELLPATH DATUM

Calculation method	Minimum curvature	Rig on Slot #1 Bull Horn Federal 15-14-30-25 (RT) to Facility Vertical Datum	6637.70 feet
Horizontal Reference Pt	Slot	Rig on Slot #1 Bull Horn Federal 15-14-30-25 (RT) to Mean Sea Level	6637.70 feet
Vertical Reference Pt	Rig on Slot #1 Bull Horn Federal 15-14-30-25 (RT)	Facility Vertical Datum to Mud Line	0.00 feet
MD Reference Pt	Rig on Slot #1 Bull Horn Federal 15-14-30-25 (RT)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	289.22°



Planned Wellpath Report

Wellpath: Bull Horn Federal 15-14-30-25 PWP

Page 2 of 4



INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	ENCANA OIL & GAS (USA) INC	Slot	Slot #1 Bull Horn Federal 15-14-30-25
Area	UTAH	Well	Bull Horn Federal 15-14-30-25
Field	SAN JUAN COUNTY	Wellbore	Bull Horn Federal 15-14-30-25 PWB
Facility	SEC.15-T30S-R25E		

WELLPATH DATA (62 stations) † = interpolated/extrapolated station

MD [feet]	Inclination [°]	Azimuth [°]	TVD [feet]	Vert Sect [feet]	North [feet]	East [feet]	DLS [°/100ft]
0.00	0.000	289.220	0.00	0.00	0.00	0.00	0.00
100.00†	0.000	0.000	100.00	0.00	0.00	0.00	0.00
200.00†	0.000	0.000	200.00	0.00	0.00	0.00	0.00
300.00†	0.000	0.000	300.00	0.00	0.00	0.00	0.00
400.00	0.000	289.220	400.00	0.00	0.00	0.00	0.00
500.00†	2.500	289.220	499.97	2.18	0.72	-2.06	2.50
600.00†	5.000	289.220	599.75	8.72	2.87	-8.24	2.50
700.00†	7.500	289.220	699.14	19.61	6.45	-18.51	2.50
800.00†	10.000	289.220	797.97	34.82	11.46	-32.88	2.50
900.00†	12.500	289.220	896.04	54.33	17.88	-51.30	2.50
1000.00†	15.000	289.220	993.17	78.09	25.71	-73.74	2.50
1100.00†	17.500	289.220	1089.17	106.07	34.92	-100.16	2.50
1200.00†	20.000	289.220	1183.85	138.21	45.50	-130.51	2.50
1300.00†	22.500	289.220	1277.05	174.46	57.43	-164.73	2.50
1400.00†	25.000	289.220	1368.57	214.73	70.69	-202.76	2.50
1460.00	26.500	289.220	1422.61	240.79	79.27	-227.37	2.50
1500.00†	26.500	289.220	1458.41	258.64	85.14	-244.22	0.00
1600.00†	26.500	289.220	1547.90	303.26	99.83	-286.36	0.00
1700.00†	26.500	289.220	1637.39	347.88	114.52	-328.49	0.00
1798.01	26.500	289.220	1725.11	391.61	128.92	-369.79	0.00
1800.00†	26.460	289.220	1726.89	392.50	129.21	-370.62	2.00
1900.00†	24.460	289.220	1817.17	435.49	143.36	-411.21	2.00
2000.00†	22.460	289.220	1908.90	475.29	156.46	-448.80	2.00
2100.00†	20.460	289.220	2001.96	511.88	168.51	-483.35	2.00
2200.00†	18.460	289.220	2096.25	545.19	179.47	-514.80	2.00
2300.00†	16.460	289.220	2191.63	575.19	189.35	-543.14	2.00
2400.00†	14.460	289.220	2288.01	601.85	198.12	-568.31	2.00
2500.00†	12.460	289.220	2385.26	625.13	205.79	-590.28	2.00
2600.00†	10.460	289.220	2483.26	644.99	212.33	-609.04	2.00
2700.00†	8.460	289.220	2581.89	661.43	217.74	-624.56	2.00
2800.00†	6.460	289.220	2681.04	674.41	222.01	-636.82	2.00
2900.00†	4.460	289.220	2780.58	683.93	225.14	-645.81	2.00
3000.00†	2.460	289.220	2880.40	689.96	227.13	-651.51	2.00
3100.00†	0.460	289.220	2980.36	692.51	227.97	-653.91	2.00
3123.01	0.000	289.220	3003.37	692.60	228.00	-654.00	2.00
3200.00†	0.000	289.220	3080.36	692.60	228.00	-654.00	0.00
3300.00†	0.000	289.220	3180.36	692.60	228.00	-654.00	0.00
3400.00†	0.000	289.220	3280.36	692.60	228.00	-654.00	0.00
3500.00†	0.000	289.220	3380.36	692.60	228.00	-654.00	0.00
3600.00†	0.000	289.220	3480.36	692.60	228.00	-654.00	0.00



Planned Wellpath Report

Wellpath: Bull Horn Federal 15-14-30-25 PWP

Page 3 of 4



INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	ENCANA OIL & GAS (USA) INC	Slot	Slot #1 Bull Horn Federal 15-14-30-25
Area	UTAH	Well	Bull Horn Federal 15-14-30-25
Field	SAN JUAN COUNTY	Wellbore	Bull Horn Federal 15-14-30-25 PWB
Facility	SEC.15-T30S-R25E		

WELLPATH DATA (62 stations) † = interpolated/extrapolated station

MD [feet]	Inclination [°]	Azimuth [°]	TVD [feet]	Vert Sect [feet]	North [feet]	East [feet]	DLS [°/100ft]
3700.00†	0.000	289.220	3580.36	692.60	228.00	-654.00	0.00
3800.00†	0.000	289.220	3680.36	692.60	228.00	-654.00	0.00
3900.00†	0.000	289.220	3780.36	692.60	228.00	-654.00	0.00
4000.00†	0.000	289.220	3880.36	692.60	228.00	-654.00	0.00
4100.00†	0.000	289.220	3980.36	692.60	228.00	-654.00	0.00
4200.00†	0.000	289.220	4080.36	692.60	228.00	-654.00	0.00
4300.00†	0.000	289.220	4180.36	692.60	228.00	-654.00	0.00
4400.00†	0.000	289.220	4280.36	692.60	228.00	-654.00	0.00
4500.00†	0.000	289.220	4380.36	692.60	228.00	-654.00	0.00
4600.00†	0.000	289.220	4480.36	692.60	228.00	-654.00	0.00
4700.00†	0.000	289.220	4580.36	692.60	228.00	-654.00	0.00
4800.00†	0.000	289.220	4680.36	692.60	228.00	-654.00	0.00
4900.00†	0.000	289.220	4780.36	692.60	228.00	-654.00	0.00
5000.00†	0.000	289.220	4880.36	692.60	228.00	-654.00	0.00
5100.00†	0.000	289.220	4980.36	692.60	228.00	-654.00	0.00
5200.00†	0.000	289.220	5080.36	692.60	228.00	-654.00	0.00
5300.00†	0.000	289.220	5180.36	692.60	228.00	-654.00	0.00
5400.00†	0.000	289.220	5280.36	692.60	228.00	-654.00	0.00
5500.00†	0.000	289.220	5380.36	692.60	228.00	-654.00	0.00
5600.00†	0.000	289.220	5480.36	692.60	228.00	-654.00	0.00
5700.00†	0.000	289.220	5580.36	692.60	228.00	-654.00	0.00
5794.64	0.000	289.220	5675.00	692.60	228.00	-654.00	0.00

HOLE & CASING SECTIONS

Ref Wellbore: Bull Horn Federal 15-14-30-25 PWB Ref Wellpath: Bull Horn Federal 15-14-30-25 PWP

String/Diameter	Start MD [feet]	End MD [feet]	Interval [feet]	Start TVD [feet]	End TVD [feet]	Start N/S [feet]	Start E/W [feet]	End N/S [feet]	End E/W [feet]
12.25in Open Hole	0.00	1900.00	1900.00	0.00	1817.17	0.00	0.00	143.36	-411.21
8.675in Casing Surface	0.00	1900.00	1900.00	0.00	1817.17	0.00	0.00	143.36	-411.21
7.875in Open Hole	1900.00	5794.64	3894.64	1817.17	5675.00	143.36	-411.21	228.00	-654.00

TARGETS

Name	MD [feet]	TVD [feet]	North [feet]	East [feet]	Grid East [us survey feet]	Grid North [us survey feet]	Latitude [°]	Longitude [°]	Shape
15-14-30-25 Target BHL		3000.00	228.00	-654.00	2672622.26	560783.49	38 11 01.212N	109 09 35.070W	circle



Planned Wellpath Report

Wellpath: Bull Horn Federal 15-14-30-25 PWP

Page 4 of 4



INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	ENCANA OIL & GAS (USA) INC	Slot	Slot #1 Bull Horn Federal 15-14-30-25
Area	UTAH	Well	Bull Horn Federal 15-14-30-25
Field	SAN JUAN COUNTY	Wellbore	Bull Horn Federal 15-14-30-25 PWB
Facility	SEC.15-T30S-R25E		

SURVEY PROGRAM

Ref Wellbore: Bull Horn Federal 15-14-30-25 PWB Ref Wellpath: Bull Horn Federal 15-14-30-25 PWP

Start MD [feet]	End MD [feet]	Tool Type	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	1900.00	MTC (Collar, pre-2000)	MTC (Collar, pre-2000) (Standard)		Bull Horn Federal 15-14-30-25 PWB
1900.00	5794.64	MTC (Collar, pre-2000)	MTC (Collar, pre-2000) (Standard)		Bull Horn Federal 15-14-30-25 PWB

WELLPATH COMMENTS

MD [feet]	Inclination [degrees]	Azimuth [degrees]	TVD [feet]	Comment
851.92	11.298	289.220	849.00	Entrada
1052.79	16.320	289.220	1044.00	Navajo
1621.34	26.500	289.220	1567.00	Kayenta
1860.13	25.258	289.220	1781.00	Wingate
2081.87	20.823	289.220	1985.00	Cutler
3137.64	0.000	289.220	3018.00	Honaker Trail
4380.64	0.000	289.220	4261.00	Honaker Trail HSST
4606.64	0.000	289.220	4487.00	LaSal

ONSHORE ORDER No. 1
EnCana Oil & Gas (USA), Inc.
Bull Horn Federal 10-21-30-25
2569' FSL & 764' FWL (surface)
Section 10-T30S-R25E
2496' FNL & 750' FWL (bottom hole)
Section 10-T30S-R25E
San Juan County, Utah

Lease No. UTU-73190

Drilling Program

Page 1

ONSHORE OIL & GAS ORDER NO. 1
Approval of Operations on Onshore
Federal and Indian Oil and Gas Leases

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Order No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

1. FORMATION TOPS

The estimated tops of important geologic markers are as follows:

Formation	Depth (TVD)	Subsea
Burro Canyon	Surface	+6845'
Entrada	802'	+6043'
Navajo	1013'	+5832'
Kayenta	1544'	+5301'
Wingate	1745'	+5100'
Chinle	2043'	+4802'
Cutler	2043'	+4802'
Honaker Trail	3284'	+3561'
Honaker Trail HSST	4541'	+2304'
LaSal	4775'	+2070'
TD	5890'	+955'

2. ANTICIPATED DEPTH OF WATER, OIL & GAS

The estimated depths at which the top and bottom of the anticipated water, oil, gas or other mineral bearing formations as expected to be encountered are as follows:

Substance	Formation	Depth (TVD)
Gas	Cutler	2043'
Gas	Honaker Trail	3284'

All fresh water and prospectively valuable minerals encountered during drilling, will be recorded by depth and adequately protected. All indications of usable water (10,000 ppm or less TDS) shall be reported to the Durango Field Office prior to running the next string of

Drilling Program

Page 2

casing or before plugging orders are requested, whichever occurs first.

If noticeable water flows are detected, samples will be submitted to the BLM along with any water analyses conducted.

3. BOP EQUIPMENT/REQUIREMENTS

EnCana Oil & Gas (USA), Inc.'s minimum specification for pressure control equipment are as follows:

Ram Type: 11" Hydraulic double ram with annular, 3000 psi w.p.

Ram type preventers and associated equipment shall be tested to approved stack working pressure if isolated by test plug or to 70% of internal yield pressure of casing. Pressure shall be maintained for at least 10 minutes or until requirements of test are met, whichever is longer. If a test plug is utilized, no bleed-off pressure is acceptable. For a test not utilizing a test plug, if a decline in pressure of more than 10% in 30 minutes occurs, the test shall be considered to have failed. Valve on casing head below test plug shall be open during test of BOP stack.

Annular type preventers (if used) shall be tested to 50% of rated working pressure. Pressure shall be maintained at least 10 minutes or until provisions of test are met, whichever is longer.

As a minimum, the above test shall be performed:

- a. when initially installed:
- b. whenever any seal subject to test pressure is broken
- c. following related repairs: and
- d. at 30 day intervals

Valves shall be tested from working pressure side during BOPE tests with all down stream valves open.

When testing the kill line valve(s) shall be held open or the ball removed.

Annular preventers (if used) shall be functionally operated at least weekly.

Pipe and blind rams shall be activated each trip, however, this function need not be performed more than once a day.

A BOPE pit level drill shall be conducted weekly for each drilling crew.

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests. Pressure tests shall apply to all related well control equipment.

BOP systems shall be consistent with API RP53. Pressure tests will be conducted before drilling out from under casing strings which have been set and cemented in place. Blowout preventer controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at

Drilling Program

Page 3

least daily to ensure good mechanical working order, and this inspection will be recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs.

The BLM in Moab, Utah shall be notified, at least 24 hours prior to initiating the pressure test, in order to have a BLM representative on location during pressure testing.

- a. The size and rating of the BOP stack is shown on the attached diagram.
- b. A choke line and a kill line are to be properly installed. The kill line is not to be used as a fill-up line.
- c. The accumulator system shall have a pressure capacity to provide for repeated operation of hydraulic preventers.
- d. Drill string safety valve(s), to fit all tools in the drill string, are to be maintained on the rig floor while drilling operations are in progress.

4. CASING AND CEMENTING PROGRAMS

- a. The BLM in Moab, Utah shall be notified at least 24 hours prior to the running and cementing of all casing strings, in order to have a BLM representative on location while running and cementing all casing strings.
- b. The proposed casing and cementing program shall be conducted as approved to protect and/or isolate all usable water zones, potentially productive zones, lost circulation zones, abnormally pressured zones, and any prospectively valuable deposits of minerals. Any isolating medium other than cement shall receive approval prior to use. The casing setting depth shall be calculated to position the casing seat opposite a competent formation which will contain the maximum pressure to which it will be exposed during normal drilling operations. Determination of casing setting depth shall be based on all relevant factors, including; presence/absence of hydrocarbons; fracture gradients; usable water zones; formation pressures; lost circulation zones; other minerals; or other unusual characteristics. All indications of usable water shall be reported.
- c. Casing design shall assume formation pressure gradients of 0.44 to 0.50 psi per foot for exploratory wells (lacking better data).
- d. Casing design shall assume fracture gradients from 0.70 to 1.00 psi per foot for exploratory wells (lacking better data).
- e. Casing collars shall have a minimum clearance of 0.422 inches of all sides in the hole/casing annulus, with recognition that variances can be granted for justified exceptions.
- f. All waiting on cement times shall be adequate to achieve a minimum of 500 psi compressive strength at the casing shoe prior to drilling out.
- g. All casing except the conductor casing, shall be new or reconditioned and tested used casing that meets or exceeds API standards for new casing.
- h. The surface casing shall be cemented back to surface either during the primary cement job or by remedial cementing.

Drilling Program

Page 4

- i. All indication of usable water shall be reported to the authorized officer prior to running the next string of casing or before plugging orders are requested, whichever occurs first.
- j. Surface casing shall have centralizers on the bottom 3 joints of casing (a minimum of one centralizer per joint starting with the shoe joint).
- k. Top plugs shall be used to reduce contamination of cement by displacement fluid. A bottom plug or other acceptable technique, such as a suitable preflush fluid, inner string cement method, etc. shall be utilized to help isolate the cement from contamination by the mud fluid being displaced ahead of the cement slurry.
- l. All casing strings below the conductor shall be pressure tested to 0.22 psi per foot of casing string length or 1500 psi, whichever is greater, but not to exceed 70% of the minimum internal yield. If pressure declines more than 10% in 30 minutes, corrective actions shall be taken.
- m. On all exploratory wells, and on that portion of any well approved for a 5M BOPE system or greater, a pressure integrity test of each casing shoe shall be performed. Formation at the shoe shall be tested to minimum of the mud weight equivalent anticipated to control the formation pressure to the next casing depth or at total depth of the well. This test shall be performed before drilling more than 20 feet of new hole.
- n. The proposed casing program will be as follows:

Purpose	Depth (')	Hole Size	O.D.	Weight	Grade	Type	New/Used
Surface	0-120'	11"	8-5/8"	32#	J-55	ST&C	New
Surface	120'-2050'	11"	8-5/8"	24#	J-55	ST&C	New
Production	0'-5890'	7-7/8"	4-1/2"	11.6#	I-80	LT&C	New

- o. Casing design subject to revision based on geologic conditions encountered.
- p. The cement program will be as follows:

Surface	Type and Amount
0-2050'	Lead: 400 sx Class G 50/50 Poz + 2% gel, 2.09 cuft/sx yield, 12.5 ppg Tail: 200 sx Class G, 1.15 cuft/sx yield, 15.8 ppg
Production	Type and Amount
2050'-5890'	900 sx Class G 50/50 Poz, 1.43 cuft/sx yield, 13 ppg

- q. The BLM in Moab, Utah should be notified, with sufficient lead time, in order to have a BLM representative on location while running all casing strings and cementing.
- r. After cementing but before commencing any test, the casing string shall stand cemented

Bull Horn Federal 10-21-30-25

2569' FSL & 764' FWL (surface)

Section 10-T30S-R25E

2496' FNL & 750' FWL (bottom hole)

Section 10-T30S-R25E

San Juan County, Utah

Drilling Program

Page 5

until the cement has reached a compressive strength of at least 500 psi at the shoe. WOC time shall be recorded in the driller's log.

- s. The following reports shall be filed with the District Manager within 30 days after the work is completed.

1. Progress reports, Form 3160-5, "Sundry Notices and Reports on Wells", must include complete information concerning:

- i. Setting of each string of casing, showing the size, grade, weight of casing set, hole size, setting depth, amounts and type of cement used, whether cement circulated or the top of the cement behind the casing, depth of cementing tools used, casing test method and results, and the date work was done. Show the spud date on the first reports submitted.

- ii. Temperature or bond logs must be submitted for each well where the casing cement was not circulated to the surface.

- t. Auxiliary equipment to be used is as follows:

1. Kelly cock
2. No bit float is deemed necessary.
3. A sub with a full opening valve.

5. MUD PROGRAM

- a. The proposed circulating mediums to be employed in drilling are as follows:

Interval (MD)	Mud Type	Mud Wt.	Visc.	F/L
0-3200'	Water	+/- 8.5	+/- 28	N.C.
3200'-TD	LSND	+/- 8.5-9.0	+/- 55-60	+/- 8

- b. Mud monitoring equipment to be used is as follows: Periodic checks of the mud system will be made each tour. The mud level will be checked visually.

1. There will be sufficient mud on location to ensure well control.

2. A mud test shall be performed every 24 hours after mudding up to determine, as applicable: density, viscosity, gel strength, static filtration loss and Ph.

- c. Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing or completion operations.

6. EVALUATION PROGRAM – TESTING, LOGGING AND CORING

The anticipated type and amount of testing, logging and coring are as follows:

- a. No drill stem tests are anticipated, however, if DST's are run, the following requirements will be adhered to:

Initial opening of drill stem test tools shall be restricted to daylight hours unless specific

Bull Horn Federal 10-21-30-25

2569' FSL & 764' FWL (surface)

Section 10-T30S-R25E

2496' FNL & 750' FWL (bottom hole)

Section 10-T30S-R25E

San Juan County, Utah

Drilling Program

Page 6

approval to start during other hours is obtained from the authorized officer. However, DST's may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e. lighting which is adequate for visibility and vapor-proof for safe operations). Packers can be released, but tripping shall not begin before daylight, unless prior approval is obtained from the authorized officer. Closed chamber DST's may be accomplished day or night.

A DST that flows to the surface with evidence of hydrocarbons shall be reversed out of the testing string under controlled surface conditions. This would involve providing some means for reverse circulation.

Separation equipment required for the anticipated recovery shall be properly installed before a test starts.

All engines within 100 feet of the wellbore that are required to "run" during the test shall have spark arresters or water cooled exhausts.

- b. The logging program will consist of a DIL/CNL/LDT/GR/SP from TD to base of the surface casing.
- c. No whole cores are anticipated. Depending upon evaluation of the open hole logs, several sidewall cores may be obtained in formations of interest.
- d. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, work over, and/or completions, will be filed with form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the authorized officer (AO).
- e. The anticipated completion program is as follows:

Perforate zones of interest, fracture stimulate as necessary and place on production.

7. ABNORMAL PRESSURES AND H2S GAS

- a. The maximum expected bottom hole pressure is 1400 psi (pressure gradient of 0.33 psi/ft). Source of pressure estimate was from data obtained for the Honaker Trail geological formation via pressures obtained in the Big Indian Unit #3 and #4 wells (#3 well is located within 1 mile of the proposed location).
- b. No hydrogen sulfide gas is anticipated, no abnormal pressures or temperatures are anticipated.
- c. As per Onshore Order No. 6, III.A.2.b., if hydrogen sulfide is present the "operator shall initially test the H2S concentration of the gas stream for each well or production facility ..." Submit the results of this test within 30 days of filing Form 3160-4, "Well Completion or Recompletion Report and Log".

8. OTHER INFORMATION AND NOTIFICATION REQUIREMENTS

Drilling Program

Page 7

- a. The BLM in Moab (435-259-2100) shall be notified at least 24 hours prior to:
 1. Spudding the well
 2. Running the casing strings and cementing
 3. BOP tests/casing pressured tests.
- b. Within 30 days of completion of the well as a dry hole or producer, a copy of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, work over, and/or completions operations will be filed with a Completion Report (Form 3160-4), in triplicate. Submit casing/cementing reports and other subsequent reports via Sundry Notice Form 3160-5.
- c. In accordance with 43 CFR 3162.4-3, this well shall be reported on MMS Form 3160, "Monthly Report of Operations", starting with the month in which drilling operations commence, and continuing each month until the well is physically plugged and abandoned.
- d. The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or the date on which gas is first measured through permanent metering facilities, whichever first occurs.
- e. Pursuant to NTL-4A, lessees or operators are authorized to vent/flare gas during the initial well evaluation tests, not exceeding a period of 30 days or the production of 50 MMCF of gas, whichever occurs first. An application must be filed with the District Engineer and approval received, for any venting/flaring of gas beyond the initial 30 day authorized period.
- f. A schematic facilities diagram as required by 43 CFR 3162.7-5 (b.9.d), shall be submitted to the appropriate District Office within 60 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5 (b.4).
- g. Off-lease measurement and commingling of production must be approved by the authorized officer.
- h. Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

Drilling Program

Page 8

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

- i. The BLM in Moab (435-259-2100) shall be notified within 5 business days of production start-up if either of the following two conditions occur:
 1. The well is placed on production, or
 2. The well resumes production after being off of production for more than 90 days.

"Placed on production" means shipment or sales of hydrocarbons from temporary tanks, production into permanent facilities or measurement through permanent facilities. Notification may be written or verbal with written follow-up within 15 days.
- j. Drilling is planned to commence upon approval. Completion will begin approximately 30 days after drilling is completed.
- k. It is anticipated that the drilling of this well will take approximately 10-15 days.
- l. No location will be constructed or moved, no well will be plugged, and no drilling or work over equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.
- m. Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.
- n. If a replacement rig is contemplated for completion operations, a "Sundry Notice" Form 3160-5 to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.
- o. Pursuant to Onshore Order No. 7, with the approval of the District Engineer, produced water may be temporarily disposed of into unlined pits for a period of up to 90 days. During the period so authorized, an application for approval of the permanent disposal method, along with the required water analysis and other information, must be submitted to the District Engineer.

If underground injection is proposed, an EPA or State UIC permit shall also be required and submitted to this office.
- p. No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5 will be filed with the AO within 30 days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

ONSHORE ORDER No. 1

EnCana Oil & Gas (USA), Inc.

Bull Horn Federal 10-21-30-25

2569' FSL & 764' FWL (surface)

Section 10-T30S-R25E

2496' FNL & 750' FWL (bottom hole)

Section 10-T30S-R25E

San Juan County, Utah

Lease No. UTU-73190

Drilling Program

Page 9

q. As per 43 CFR 3162.6, each drilling producing or abandoned well shall be identified with the operator's name, the lease serial number, the well number, and the surveyed description of the well (either footages or the quarter-quarter section, the section, township and range). The Indian lessor's name may also be required. All markings shall be legible and in a conspicuous place.

r. Bureau of Land Management, Moab Field Office Address and Contacts:

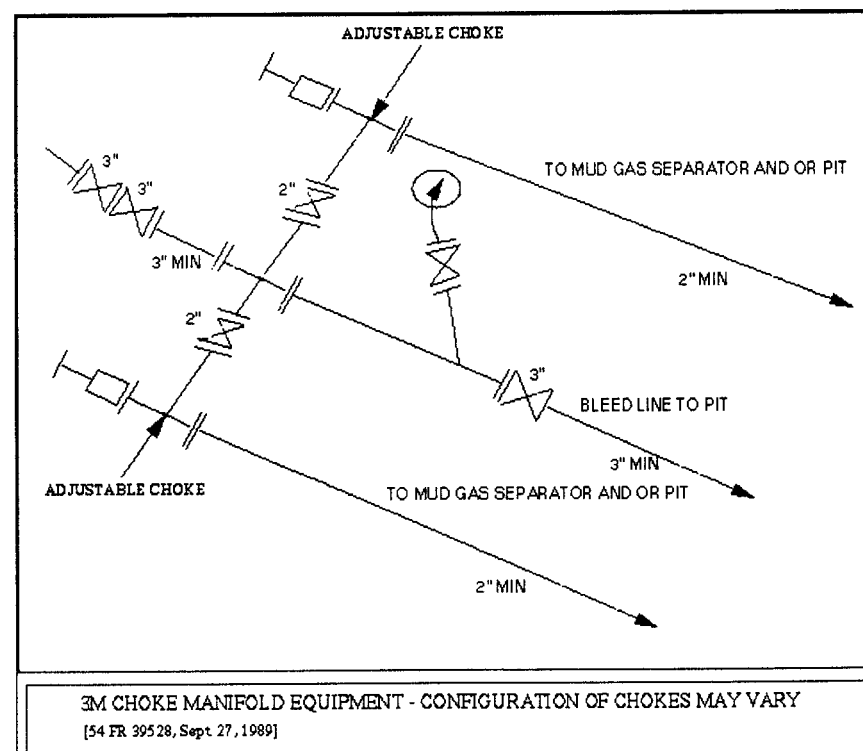
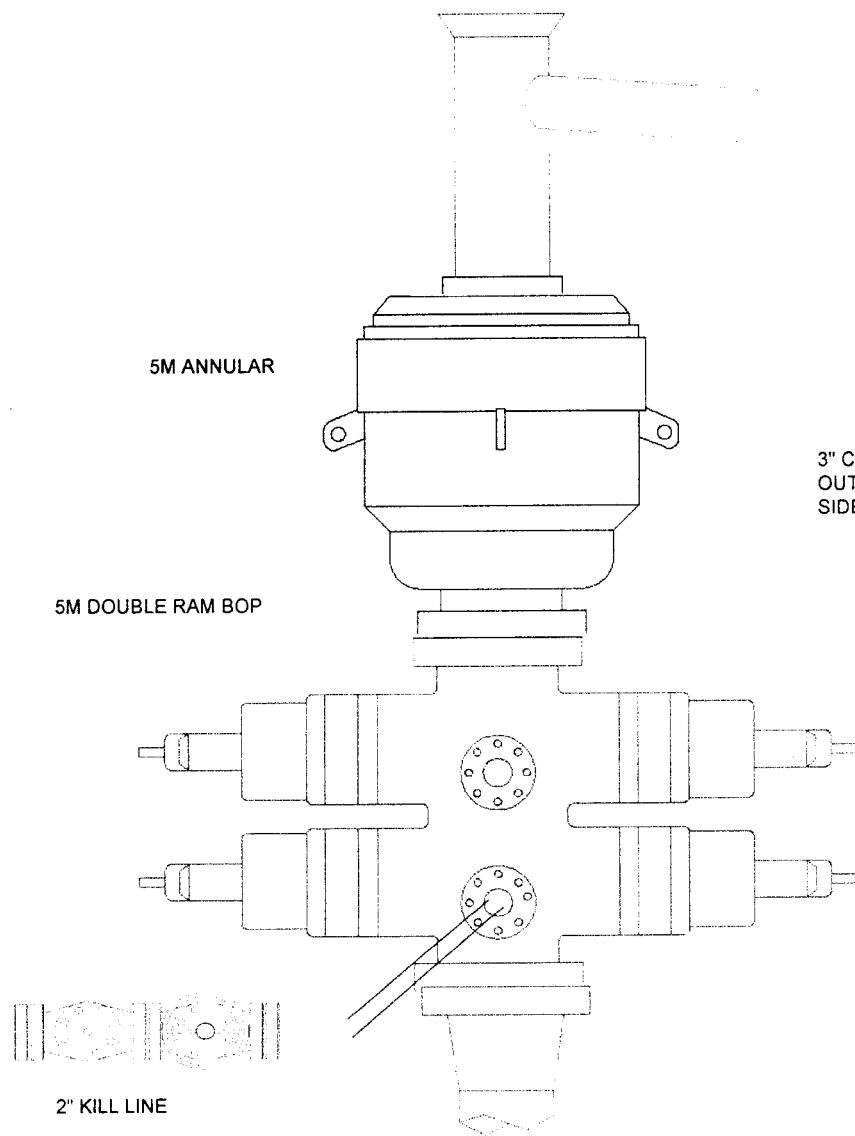
Address: 82 East Dogwood Ave. Phone: 435-259-2100

Moab, Utah 84532

Business Hours: 7:45 a.m. to 4:30 p.m. (Mountain Time), Mon-Fri.

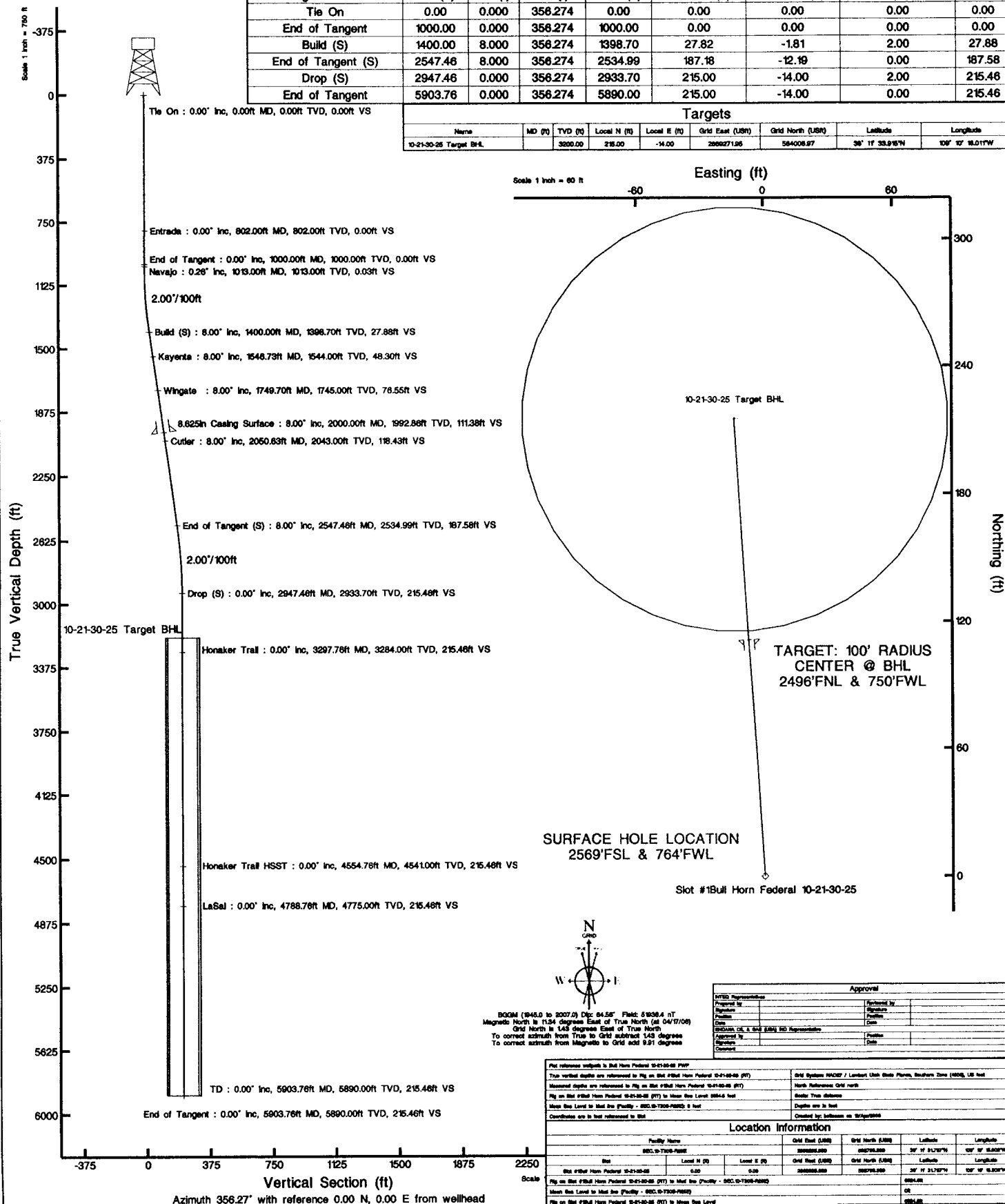
After Hours:

Eric Jones	Petroleum Engineer	435-259-2117



Wellbore: Bull Horn Federal 10-21-30-25 PWB

Targets

Easting (ft)



Planned Wellpath Report

Wellpath: Bull Horn Federal 10-21-30-25 PWP

Page 1 of 4



INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	ENCANA OIL & GAS (USA) INC	Slot	Slot #1Bull Horn Federal 10-21-30-25
Area	UTAH	Well	Bull Horn Federal 10-21-30-25
Field	SAN JUAN COUNTY	Wellbore	Bull Horn Federal 10-21-30-25 PWB
Facility	SEC.10-T30S-R25E		

REPORT SETUP INFORMATION

Projection System	NAD27 / Lambert Utah State Planes, Southern Zone (4303), US feet	Software System	WellArchitect™ 1.1
North Reference	Grid	User	Boltcasm
Scale	0.999977	Report Generated	04/19/06 at 07:39:13
Wellbore last revised	04/17/06	Database/Source file	WA_Denver/Bull_Horn

WELLPATH LOCATION

	Local coordinates		Grid coordinates		Geographic coordinates	
	North [feet]	East [feet]	Easting [US feet]	Northing [US feet]	Latitude [°]	Longitude [°]
Slot Location	0.00	0.00	2669285.95	563793.98	38 11 31.787N	109 10 15.902W
Facility Reference Pt			2669285.95	563793.98	38 11 31.787N	109 10 15.902W
Field Reference Pt			0.00	0.00	36 28 00.166N	118 18 20.683W

WELLPATH DATUM

Calculation method	Minimum curvature	Rig on Slot #1Bull Horn Federal 10-21-30-25 (RT) to Facility Vertical Datum	6824.60 feet
Horizontal Reference Pt	Slot	Rig on Slot #1Bull Horn Federal 10-21-30-25 (RT) to Mean Sea Level	6824.60 feet
Vertical Reference Pt	Rig on Slot #1Bull Horn Federal 10-21-30-25 (RT)	Facility Vertical Datum to Mud Line	0.00 feet
MD Reference Pt	Rig on Slot #1Bull Horn Federal 10-21-30-25 (RT)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	356.27°



Planned Wellpath Report

Wellpath: Bull Horn Federal 10-21-30-25 PWP

Page 2 of 4



INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	ENCANA OIL & GAS (USA) INC	Slot	Slot #1 Bull Horn Federal 10-21-30-25
Area	UTAH	Well	Bull Horn Federal 10-21-30-25
Field	SAN JUAN COUNTY	Wellbore	Bull Horn Federal 10-21-30-25 PWB
Facility	SEC.10-T30S-R25E		

WELLPATH DATA (63 stations) † = interpolated/extrapolated station

MD [feet]	Inclination [°]	Azimuth [°]	TVD [feet]	Vert Sect [feet]	North [feet]	East [feet]	DLS [°/100ft]
0.00	0.000	356.274	0.00	0.00	0.00	0.00	0.00
100.00†	0.000	0.000	100.00	0.00	0.00	0.00	0.00
200.00†	0.000	0.000	200.00	0.00	0.00	0.00	0.00
300.00†	0.000	0.000	300.00	0.00	0.00	0.00	0.00
400.00†	0.000	0.000	400.00	0.00	0.00	0.00	0.00
500.00†	0.000	0.000	500.00	0.00	0.00	0.00	0.00
600.00†	0.000	0.000	600.00	0.00	0.00	0.00	0.00
700.00†	0.000	0.000	700.00	0.00	0.00	0.00	0.00
800.00†	0.000	0.000	800.00	0.00	0.00	0.00	0.00
900.00†	0.000	0.000	900.00	0.00	0.00	0.00	0.00
1000.00	0.000	356.274	1000.00	0.00	0.00	0.00	0.00
1100.00†	2.000	356.274	1099.98	1.75	1.74	-0.11	2.00
1200.00†	4.000	356.274	1199.84	6.98	6.96	-0.45	2.00
1300.00†	6.000	356.274	1299.45	15.69	15.66	-1.02	2.00
1400.00	8.000	356.274	1398.70	27.88	27.82	-1.81	2.00
1500.00†	8.000	356.274	1497.73	41.80	41.71	-2.72	0.00
1600.00†	8.000	356.274	1596.76	55.71	55.60	-3.62	0.00
1700.00†	8.000	356.274	1695.78	69.63	69.48	-4.52	0.00
1800.00†	8.000	356.274	1794.81	83.55	83.37	-5.43	0.00
1900.00†	8.000	356.274	1893.84	97.47	97.26	-6.33	0.00
2000.00†	8.000	356.274	1992.86	111.38	111.15	-7.24	0.00
2100.00†	8.000	356.274	2091.89	125.30	125.04	-8.14	0.00
2200.00†	8.000	356.274	2190.92	139.22	138.92	-9.05	0.00
2300.00†	8.000	356.274	2289.94	153.14	152.81	-9.95	0.00
2400.00†	8.000	356.274	2388.97	167.05	166.70	-10.85	0.00
2500.00†	8.000	356.274	2488.00	180.97	180.59	-11.76	0.00
2547.46	8.000	356.274	2534.99	187.58	187.18	-12.19	0.00
2600.00†	6.949	356.274	2587.09	194.41	194.00	-12.63	2.00
2700.00†	4.949	356.274	2686.54	204.77	204.34	-13.31	2.00
2800.00†	2.949	356.274	2786.30	211.66	211.21	-13.75	2.00
2900.00†	0.949	356.274	2886.24	215.06	214.61	-13.97	2.00
2947.46	0.000	356.274	2933.70 ¹	215.46	215.00	-14.00	2.00
3000.00†	0.000	0.000	2986.24	215.46	215.00	-14.00	0.00
3100.00†	0.000	0.000	3086.24	215.46	215.00	-14.00	0.00
3200.00†	0.000	0.000	3186.24	215.46	215.00	-14.00	0.00
3300.00†	0.000	0.000	3286.24	215.46	215.00	-14.00	0.00
3400.00†	0.000	0.000	3386.24	215.46	215.00	-14.00	0.00
3500.00†	0.000	0.000	3486.24	215.46	215.00	-14.00	0.00
3600.00†	0.000	0.000	3586.24	215.46	215.00	-14.00	0.00
3700.00†	0.000	0.000	3686.24	215.46	215.00	-14.00	0.00



Planned Wellpath Report

Wellpath: Bull Horn Federal 10-21-30-25 PWP

Page 3 of 4



INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	ENCANA OIL & GAS (USA) INC	Slot	Slot #1 Bull Horn Federal 10-21-30-25
Area	UTAH	Well	Bull Horn Federal 10-21-30-25
Field	SAN JUAN COUNTY	Wellbore	Bull Horn Federal 10-21-30-25 PWB
Facility	SEC.10-T30S-R25E		

WELLPATH DATA (63 stations) † = interpolated/extrapolated station

MD [feet]	Inclination [°]	Azimuth [°]	TVD [feet]	Vert Sect [feet]	North [feet]	East [feet]	DLS [%/100ft]
3800.00†	0.000	0.000	3786.24	215.46	215.00	-14.00	0.00
3900.00†	0.000	0.000	3886.24	215.46	215.00	-14.00	0.00
4000.00†	0.000	0.000	3986.24	215.46	215.00	-14.00	0.00
4100.00†	0.000	0.000	4086.24	215.46	215.00	-14.00	0.00
4200.00†	0.000	0.000	4186.24	215.46	215.00	-14.00	0.00
4300.00†	0.000	0.000	4286.24	215.46	215.00	-14.00	0.00
4400.00†	0.000	0.000	4386.24	215.46	215.00	-14.00	0.00
4500.00†	0.000	0.000	4486.24	215.46	215.00	-14.00	0.00
4600.00†	0.000	0.000	4586.24	215.46	215.00	-14.00	0.00
4700.00†	0.000	0.000	4686.24	215.46	215.00	-14.00	0.00
4800.00†	0.000	0.000	4786.24	215.46	215.00	-14.00	0.00
4900.00†	0.000	0.000	4886.24	215.46	215.00	-14.00	0.00
5000.00†	0.000	0.000	4986.24	215.46	215.00	-14.00	0.00
5100.00†	0.000	0.000	5086.24	215.46	215.00	-14.00	0.00
5200.00†	0.000	0.000	5186.24	215.46	215.00	-14.00	0.00
5300.00†	0.000	0.000	5286.24	215.46	215.00	-14.00	0.00
5400.00†	0.000	0.000	5386.24	215.46	215.00	-14.00	0.00
5500.00†	0.000	0.000	5486.24	215.46	215.00	-14.00	0.00
5600.00†	0.000	0.000	5586.24	215.46	215.00	-14.00	0.00
5700.00†	0.000	0.000	5686.24	215.46	215.00	-14.00	0.00
5800.00†	0.000	0.000	5786.24	215.46	215.00	-14.00	0.00
5900.00†	0.000	0.000	5886.24	215.46	215.00	-14.00	0.00
5903.76	0.000	356.274	5890.00	215.46	215.00	-14.00	0.00

HOLE & CASING SECTIONS

Ref Wellbore: Bull Horn Federal 10-21-30-25 PWB Ref Wellpath: Bull Horn Federal 10-21-30-25 PWP

String/Diameter	Start MD [feet]	End MD [feet]	Interval [feet]	Start TVD [feet]	End TVD [feet]	Start N/S [feet]	Start E/W [feet]	End N/S [feet]	End E/W [feet]
12.25in Open Hole	0.00	2000.00	2000.00	0.00	1992.86	0.00	0.00	111.15	-7.24
8.625in Casing Surface	0.00	2000.00	2000.00	0.00	1992.86	0.00	0.00	111.15	-7.24
7.875in Open Hole	2000.00	5903.76	3903.76	1992.86	5890.00	111.15	-7.24	215.00	-14.00



Planned Wellpath Report

Wellpath: Bull Horn Federal 10-21-30-25 PWP

Page 4 of 4



INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	ENCANA OIL & GAS (USA) INC	Slot	Slot #1Bull Horn Federal 10-21-30-25
Area	UTAH	Well	Bull Horn Federal 10-21-30-25
Field	SAN JUAN COUNTY	Wellbore	Bull Horn Federal 10-21-30-25 PWB
Facility	SEC.10-T30S-R25E		

TARGETS

Name	MD [feet]	TVD [feet]	North [feet]	East [feet]	Grid East [us survey feet]	Grid North [us survey feet]	Latitude [°]	Longitude [°]	Shape
1) 10-21-30-25 Target BHL		3200.00	215.00	-14.00	2669271.95	564008.97	38 11 33.915N	109 10 16.011W	circle

SURVEY PROGRAM

Ref Wellbore: Bull Horn Federal 10-21-30-25 PWB Ref Wellpath: Bull Horn Federal 10-21-30-25 PWP

Start MD [feet]	End MD [feet]	Tool Type	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	2000.00	MTC (Collar, pre-2000)	MTC (Collar, pre-2000) (Standard)		Bull Horn Federal 10-21-30-25 PWB
2000.00	5903.76	MTC (Collar, pre-2000)	MTC (Collar, pre-2000) (Standard)		Bull Horn Federal 10-21-30-25 PWB

WELLPATH COMMENTS

MD [feet]	Inclination [degrees]	Azimuth [degrees]	TVD [feet]	Comment
802.00	0.000	356.274	802.00	Entrada
1013.00	0.260	356.274	1013.00	Navajo
1546.73	8.000	356.274	1544.00	Kayenta
1749.70	8.000	356.274	1745.00	Wingate
2050.63	8.000	356.274	2043.00	Cutler
3297.76	0.000	356.274	3284.00	Honaker Trail
4554.76	0.000	356.274	4541.00	Honaker Trail HSST
4788.76	0.000	356.274	4775.00	LaSal
5903.76	0.000	356.274	5890.00	TD

ONSHORE ORDER No. 1
EnCana Oil & Gas (USA) Inc.
Bull Horn Fed 10-21-30-25
NWSW Section 10, T30S-R25E
2569' FSL & 764' FWL
San Juan County, Utah

Surface Use Plan

Lease No. UTU-73190

ONSHORE OIL & GAS ORDER NO. 1

Thirteen Point Surface Use Plan

The onsite inspection for the subject location was conducted on April 4, 2006. In attendance at the onsite inspection were the following individuals:

<u>Name</u>	<u>Position</u>	<u>Organization</u>
Rich McClure	Natural Resource Specialist	Bureau of Land Management
Rick Costanza	Production Supervisor	EnCana Oil & Gas (USA) Inc.
Ron Krist	Construction Supervisor	EnCana
Jevin Croteau	Regulatory Analyst	EnCana
Curt Ebberts	Construction	Ebberts Construction
Carol S. DeFrancia	Archaeologist	4-Corners Archaeological Svs.
Dave Spurlock	Surveyor	D.R. Griffin & Assoc., Inc.

1. EXISTING ROADS

- a. The proposed well site is located approximately 15.1 miles Southeast of La Sal, Utah.
- b. Directions from La Sal, Utah are as follows:

From La Sal travel State Highway 46 westerly for 2.3 miles. Turn left on Lisbon (113) Road travel south southeasterly for approximately 5.7 miles to the 370 Road. Stay to the left and travel southeasterly for 6.1 miles to an existing road. Turn left travel northeasterly for 0.8 mile to the proposed access road. Turn left and travel northwesterly for 0.2 miles to the proposed location.
- c. EnCana will obtain any permits needed from the San Juan County Road Department before any construction activities begin.
- d. Existing roads will be maintained and kept in good repair during all drilling and completion operations associated with this well as per the road use agreement.
- e. Dust control measures will be implemented during dry weather when necessary. These may include mag chloride or other palliative.

2. PLANNED ACCESS ROADS

- a. For access roads, refer to Topo Maps A and B.
- b. There will be approximately 939' feet of new access road to be constructed. Prior to construction activities an Archaeologist will monitor and recommend placement of the fence and berm construction to avoid further use of a section of road as described in the archaeological report. Any significant cultural resources will be avoided.
- c. Some Improvement to existing roads may be necessary.
- d. The new access will be constructed initially for drilling purposes to a maximum width of 25 feet. If production is established the maximum total disturbed width will be 40 feet and the maximum travel surface width will be 25 feet.

ONSHORE ORDER No. 1
EnCana Oil & Gas (USA) Inc.
Bull Horn Fed 10-21-30-25
NWSW Section 10, T30S-R25E
2569' FSL & 764' FWL
San Juan County, Utah

Surface Use Plan

Lease No. UTU-73190

- e. The maximum grade of the new access road will be 5%.
- f. No turnouts will be necessary.
- g. All surface materials needed for construction will be procured from a commercial source, except those materials that will be generated during the construction of this well (excess fill, etc.).
- h. The roads shall be maintained reasonably smooth, and free of ruts, soft spots, chuckholes, rocks, slides and washboards. The BLM "Gold" book shall be followed for specifications on road design and culvert installation. All weather surfacing will be required if the well becomes a producer. A regular maintenance program shall include blading, ditching, sign replacement, surfacing, and culvert maintenance. All vehicles servicing the well are restricted to use of the approved access road and well pad.
- i. Culverts or low water crossings will be installed where deemed necessary by the dirt contractor. Approximate locations are on Topo Map B.
- j. No fence cuts or cattle guards will be necessary unless specified by the BLM.
- k. A road and pipeline right-of-way will not be required from the BLM. Both the access road and pipeline will be on lease and within the Bull Horn Unit. See the attached Topo Maps B and C.
- l. Surface disturbance and vehicle travel will be limited to the approved location and approved pipeline/access road route. Any additional area needed will be approved by the BLM in advance.
- m. No surface disturbing activities shall take place until the associated APD is approved. EnCana will adhere to the conditions of approval in the Surface Use Program of the approved APD, relevant to any right-of-way facilities.
- n. If a right-of-way is secured, boundary adjustments in the lease or unit shall automatically amend this right-of-way to include that portion of the facility no longer contained within the lease or unit. In the event of an automatic amendment to this right-of-way grant, the prior on-lease/unit conditions of approval of this facility will not be affected even though they would now apply to facilities outside of the lease/unit as a result of a boundary adjustment. Rental fees, if appropriate shall be recalculated based on the conditions of this grant and the regulations in effect at the time of an automatic amendment.
- o. If at any time the facilities located on public lands authorized by the terms of the lease are no longer included in the lease (due to a contraction in the unit or other lease or unit boundary change) the BLM will process a change in authorization to the appropriate statute. The authorization will be subject to appropriate rental or other financial obligations determined by the BLM.
- p. If the well is productive, the access road will be rehabilitated or brought to Resource (Class III) Road Standards within 60 days of dismantling the rig. If upgraded, the access road must be maintained at these standards until the well is properly abandoned. If this time frame cannot be met, the Filed Office Manager will be notified so that temporary drainage control can be installed along the access road.

ONSHORE ORDER No. 1
EnCana Oil & Gas (USA) Inc.
Bull Horn Fed 10-21-30-25
NWSW Section 10, T30S-R25E
2569' FSL & 764' FWL
San Juan County, Utah

Surface Use Plan

Lease No. UTU-73190

- q. All brush, limbs, and other woody material will be stockpiled separately from the topsoil along the roadway, or near the well pad. If any topsoil can be salvaged it will be stockpiled near the well pad for future reclamation. If the soil stockpile is not used within six months it will be seeded to ensure topsoil integrity and prevent erosion.
- r. No pullouts or off-road parking will be allowed unless specifically authorized. "Keep vehicles on road surface" signs will be installed to assist with compliance. Shortcutting by vehicles operated by EnCana or its contractors, on roads not identified as access routes in the APD, will not be allowed.

3. LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS OF THE PROPOSED LOCATION. SEE GATHERING PIPELINE TOPO.

- a. Water Wells - 0
- b. Injection or Disposal Wells - 0
- c. Producing Wells - 1
- d. Drilling Wells - 0
- e. Shut In Wells - 0
- f. Plugged and Abandoned Wells - 2

4. LOCATION OF PRODUCTION FACILITIES

- a. If the well is productive all production facilities will be located on the well pad. The proposed facilities to be located on the well pad will be a typical tank battery, which include a separator, meter building (with tube and meter), two 400 hundred bbl tanks and if needed one 500 gal tank and methanol pump or deh'y equipment.
- b. All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the BLM - Moab Field Office.
- c. The proposed gas gathering line will be buried from the well head to the battery site then laid on the surface paralleling the access road to the tie-in point in the NWSW of Section 10, T30S R25E. The total length of the pipeline is approximately 1000' on BLM surface. Any significant cultural resources will be avoided. See the attached Topo Map C.
- d. All permanent structures (onsite for six months or longer) constructed or installed will be painted a flat, non-reflective earth tone color which will match the adjacent vegetation. All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) may be excluded. The actual color will be Juniper Green as specified by the Bureau of Land Management.
- e. All site security guidelines identified in 43 CFR 3162.7-5 and specified in Onshore Order No. 3 shall be adhered to.
- f. The oil and gas measurement facilities will be installed on the well location. The gas flowline will be buried from the wellhead to the meter and downstream until it leaves the pad. Meter runs will be housed. Oil and gas meters will be calibrated prior to first sales and quarterly thereafter. A copy of the meter calibration reports will be submitted to the BLM - Moab Field Office. All gas production and measurement shall comply with the

ONSHORE ORDER No. 1
EnCana Oil & Gas (USA) Inc.
Bull Horn Fed 10-21-30-25
NWSW Section 10, T30S-R25E
2569' FSL & 764' FWL
San Juan County, Utah

Surface Use Plan

Lease No. UTU-73190

provisions of 43 CFR 3162.7, Onshore Oil and Gas Order No. 5 and the American Gas Association (AGA) Report No. 3.

- g. If a tank battery is constructed on this lease, it will be surrounded by a berm of sufficient capacity to contain 1 ½ times the storage capacity of the largest tank. All loading lines and valves will be placed inside the berm surrounding the tank battery. All oil production and measurement shall conform to the provisions of 43 CFR 3162.7 and Onshore Oil and Gas Order No. 4.
- h. Production facilities on location may include a lined or unlined produced water pit as specified in Onshore Oil and Gas Order No. 7. If water is produced from the well, an application in conformance with Order No. 7 must be submitted.

5. LOCATION AND TYPE OF WATER SUPPLY

- a. The source of water for drilling and completion purposes will be obtained from the La Sal Creek located in the SE/4 of Section 7, T28S R25E, San Juan County, Utah.
- b. This water source will be permitted under the State of Utah, Department of Natural Resources, Division of Water Rights.
- c. Water will be hauled to the location over the proposed access roads outlined in the SUP.

6. CONSTRUCTION MATERIALS

- a. All materials needed for construction will be procured from a commercial source, except those materials that will be generated during the construction of this well (excess fill, etc.).
- b. The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.
- c. No gravel or other related minerals from new or existing pits on Federal land will be used in the construction of roads, well pads, etc., without prior approval from the BLM.

7. METHODS FOR HANDLING WASTE DISPOSAL

- a. Drill cuttings are to be contained and buried in the reserve pit.
- b. The reserve pit will be sealed in such a manner as to prevent leakage of the fluids. Methods available to insure containment of drilling fluids in the reserve pit include lining the inside of the pit with at least a 30 mil plastic liner. If a plastic liner is used, the bottom of the pit shall be smooth and free of any sharp rocks. If the pit has a rocky bottom, it shall be bedded with a material such as soil, sand, straw or hay to avoid the possibility of puncturing the liner. A minimum of not less than a 2 foot freeboard will be maintained in the pit at all times. All oil or floating debris will be removed from the pit immediately after the drilling and after the stimulation phase of the well.
- c. The reserve pit will be located on the SW corner of the disturbed pad, and the pit walls will be sloped at no greater than 1 1/2 to 1.
- d. The reserve pit shall be located in cut material, with at least 50% of the pit volume being below original ground level. Three sides of the reserve pit will be fenced before drilling starts. The fourth side will be fenced as soon as drilling is completed and shall remain

ONSHORE ORDER No. 1
EnCana Oil & Gas (USA) Inc.
Bull Horn Fed 10-21-30-25
NWSW Section 10, T30S-R25E
2569' FSL & 764' FWL
San Juan County, Utah

Surface Use Plan

Lease No. UTU-73190

until the pit is dry. As soon as the reserve pit has dried, all areas not needed for production will be rehabilitated.

- e. Garbage is to be contained in the trash cage. The trash cage will be totally enclosed with small mesh wire to prevent wind scattering and wildlife entry. All garbage will be hauled to an approved disposal site at the end of drilling/completion operations.
- f. Sewage will be disposed of in accordance with State and County regulations. No sewage boreholes will be allowed. Chemical porta-toilets will be furnished and their contents hauled to an approved disposal site.
- g. The produced fluids (produced water, frac fluid and possibly condensate), while testing the well will be flowed back to a 400 bbl test tank. Any condensate will be skimmed and transferred to production tanks. Sand and produced fluids other than condensate will be transferred to the reserve pit until such time as the well is cleaned up sufficiently to produce pipeline quality gas. Any spills of oil, gas, salt water or other produced fluids will be cleaned up and removed.

8. ANCILLARY FACILITIES

No camps, airstrips or other facilities will be necessary.

9. WELLSITE LAYOUT

- a. The survey plats are attached.
- b. The well pad plan is attached with the location of the reserve pit and access road onto the well pad.
- c. A cross section of the well pad with the cut and fill diagram is attached.
- d. All wells, whether drilling, producing, suspended, or abandoned, will be identified in accordance with 43 CFR 3162.6.
- e. The reserve pit will be designed to prevent the collection of surface runoff.
- f. The reserve pit liner shall remain intact until the reserve pit is reclaimed. Flare pits must be located a sufficient distance from the reserve pit to prevent the liner from being damaged during flaring operations.
- g. Prior to rigging up, a one-foot high berm will be constructed around the perimeter of the well pad to contain all storm events/spills from going downstream of the well pad. A lined sump pit may be utilized to contain the fluids. The need for the berm will be reassessed upon completion of the well and after production is established.
- h. Compaction and construction of the berms surrounding the tank or tank batteries will be designed to prevent lateral movement of fluids through the berm, prior to any storage of fluids. All load lines and valves shall be placed inside the bermed areas.
- i. There shall be a sign or marker on location with the name of the operator, lease serial number, well number, and legal location of the well.

10. PLANS FOR RECLAMATION OF THE SURFACE

The following surface reclamation will be done upon completion of the drilling operations.

ONSHORE ORDER No. 1
EnCana Oil & Gas (USA) Inc.
Bull Horn Fed 10-21-30-25
NWSW Section 10, T30S-R25E
2569' FSL & 764' FWL
San Juan County, Utah

Surface Use Plan

Lease No. UTU-73190

- a. Where topsoil material is available it will be removed from the location, saved and stockpiled separately on the edge of the pad to be used for reclamation purposes.
- b. Topsoil along the access road will be reserved in place adjacent to the road.
- c. Immediately upon completion of drilling, all equipment that is not necessary for production shall be removed.
- d. When the reserve pit has completely dried the reserve pit and that portion of the location not needed for production will be reclaimed.
- e. All road surfacing will be removed prior to the rehabilitation of roads.
- f. Reclaimed roads will have the berms and cuts reduced and will be closed to vehicle use.
- g. All disturbed areas will be recontoured to replicate the natural slope.
- h. The stockpiled topsoil will be evenly distributed over the disturbed area where available.
- i. Prior to reseeding, all disturbed areas, including the access roads will be scarified and left with a rough surface.
- j. Seed will be broadcast or drilled between September and October, or at a time specified by the BLM. If broadcast, a harrow or some other implement will be dragged over the seeded area to assure seed coverage.
- k. The following seed mixture or one approved by the BLM will be used. Seed labels from each bag shall be available for inspection while seeding is being accomplished. In the event grasses and native vegetation is not established after the first seeding application, subsequent applications will be performed until grasses and/or native vegetation is established.

<u>Common Name</u>	<u>Pure Live Seed (PLS) lbs /acre</u>
Indian ricegrass	4.0
Crested wheatgrass	4.0
Four-wing saltbush	4.0
Alfalfa	0.5
	12.5 lbs/acre

- l. The abandonment marker will be one of the following, as specified by the BLM:
 - 1) at least four feet above ground level,
 - 2) at restored ground level, or
 - 3) below ground level.

In any case the marker shall be inscribed with the following: operator name, lease number, well name and surveyed description (township, range, section and either quarter-quarter or footages).

- m. Vegetation or soil disturbance by the operator will be held to the minimum consistent with practical construction operations and the operator will smooth all disturbed areas to

ONSHORE ORDER No. 1
EnCana Oil & Gas (USA) Inc.
Bull Horn Fed 10-21-30-25
NWSW Section 10, T30S-R25E
2569' FSL & 764' FWL
San Juan County, Utah

Surface Use Plan

Lease No. UTU-73190

conform as nearly as practical to the adjacent terrain.

- n. To the degree it is feasible, natural drainage will not be altered.
- o. Reclamation will be considered successful when the desired vegetative species are established, erosion is controlled, weeds are considered a minimal threat, and it is likely that ground cover will return to a desirable condition. EnCana will continue revegetation efforts until this standard is met. BLM shall be responsible for determining when reclamation efforts are successful.
- p. A fence shall be installed around the perimeter of the area undergoing reclamation. The fence shall be maintained in a manner to prevent cattle from entering the area, and shall be constructed as follows: Posts to be no more than 16' apart; fence wire: four wires of at least 12.5 gauge, double strand twisted; two stays between posts; wire stretched taut between brace panels, wire spacing from the ground up: 14", 22", 30", 42". Fence shall be maintained in place for a minimum of 3 years, and will be removed by EnCana when so instructed by the BLM.

11. SURFACE OWNERSHIP

Well site - Bureau of Land Management

Roads - All access roads are located or maintained by the State and County Road Departments or are on lands managed by the Bureau of Land Management.

12. OTHER INFORMATION

- a. A Class III archeological survey has been conducted by 4 Corners Archaeological Services for the surface location, access road and pipeline right-of-way and will be sent under separate cover.
- b. The operator is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator is to immediately stop work that might further disturb such materials, and contact the BLM Field Office. Within five (5) working days, the BLM will inform the operator as to:
 - Whether the materials appear eligible for the National Register of Historic Places;
 - The mitigation measures the operator will likely have to undertake before the site can be used (assuming in situ preservation is not necessary); and
 - A time frame for the BLM to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the BLM are correct and that mitigation is appropriate.

If the operator wishes, at the time, to relocate activities to avoid the expenses of mitigation and/or the delays associated with this process, the BLM will assume responsibility for whatever recordation and stabilization of the exposed materials may be required. Otherwise, the operator will be responsible for mitigation costs. The BLM will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the BLM that the required mitigation has been completed, the operator

ONSHORE ORDER No. 1
EnCana Oil & Gas (USA) Inc.
Bull Horn Fed 10-21-30-25
NWSW Section 10, T30S-R25E
2569' FSL & 764' FWL
San Juan County, Utah

Surface Use Plan

Lease No. UTU-73190

will then be allowed to resume construction.

- c. The BLM would conduct U.S. Fish and Wildlife Service (USFWS) consultation and coordination as necessary for all mitigation activities relating to T&E, candidate species and their habitats. In areas that have not been previously surveyed or cleared for these species, a qualified biologist/botanist would conduct surveys for these species in areas of potential habitat prior to disturbance. If T&E, candidate, or sensitive species are found, consultation with the USFWS would be initiated, as necessary, and construction activities would be curtailed until the BLM, USFWS, and Operators concur on which activities can be authorized.
- d. The BLM, Moab Field Office will be contacted no earlier than 15 days and no later than three (3) working days prior to commencement of construction activities.
- e. "Sundry Notice and Report of Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

13. LESSEE'S OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION

Permit Matters

EnCana Oil & Gas (USA) INC.
370 17TH Street, Suite 1700
Denver, CO 80202
Jevin Croteau
Office: (720) 876-5339
Cell: (720) 273-6427

Drilling & Completion Matters

EnCana Oil & Gas (USA) INC.
370 17th Street, Suite 1700
Denver, CO 80202
Kevin Brakovec – Drilling Engineer
Office: (720) 876-3668
Cell: (303) 710-0983

ONSHORE ORDER No. 1
EnCana Oil & Gas (USA) Inc.
Bull Horn Fed 10-21-30-25
NWSW Section 10, T30S-R25E
2569' FSL & 764' FWL
San Juan County, Utah

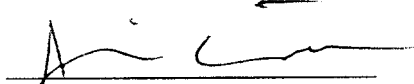
Surface Use Plan

Lease No. UTU-73190

CERTIFICATION

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by EnCana Oil & Gas (USA) Inc. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

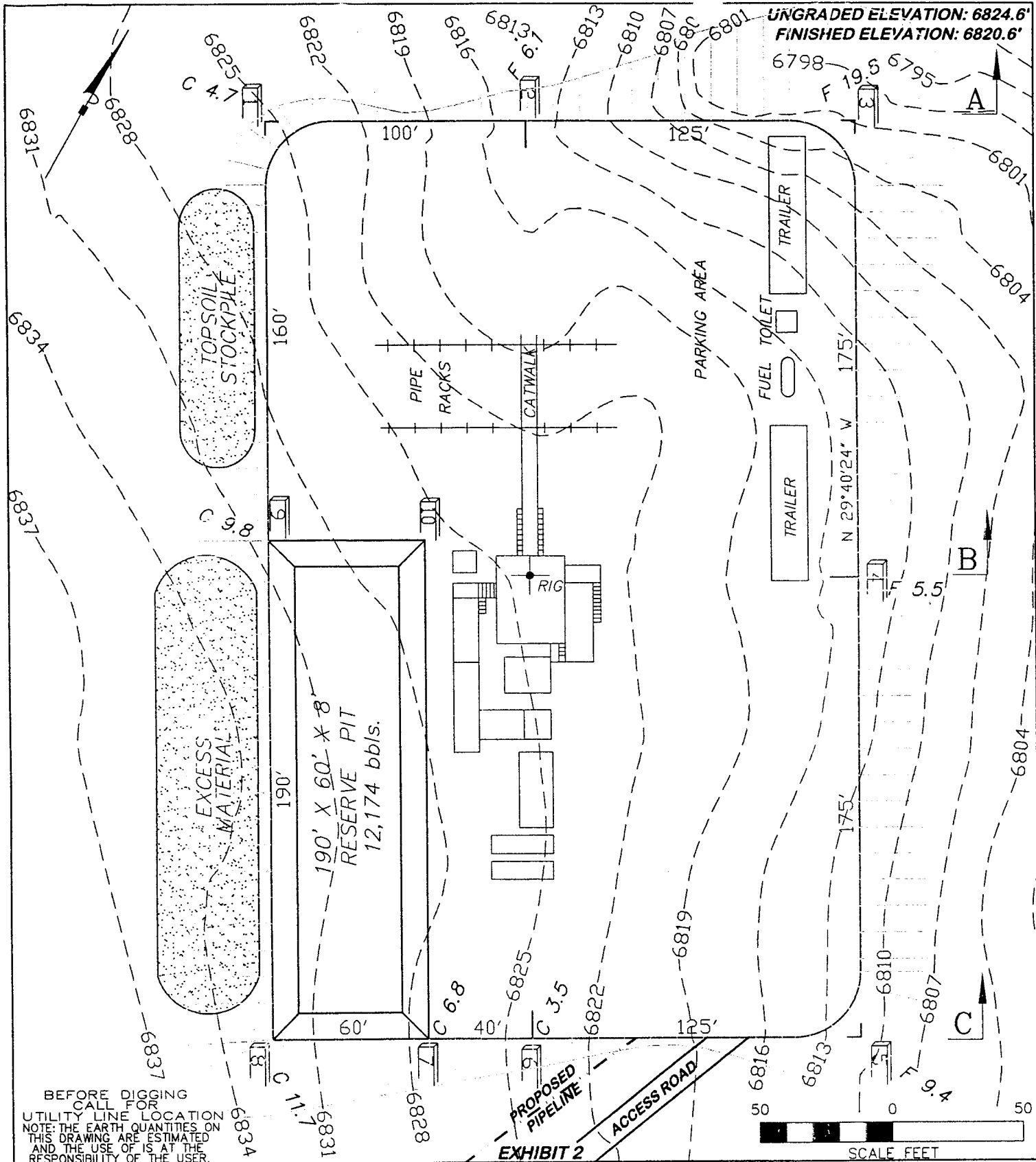
This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.



Jevin Croteau

Regulatory Analyst

Date: 4/21/06



DRIFIN & ASSOCIATES, INC.

1414 ELK ST., SUITE 202
ROCK SPRINGS, WY 82901
(307) 362-5028

SCALE: 1" = 50'

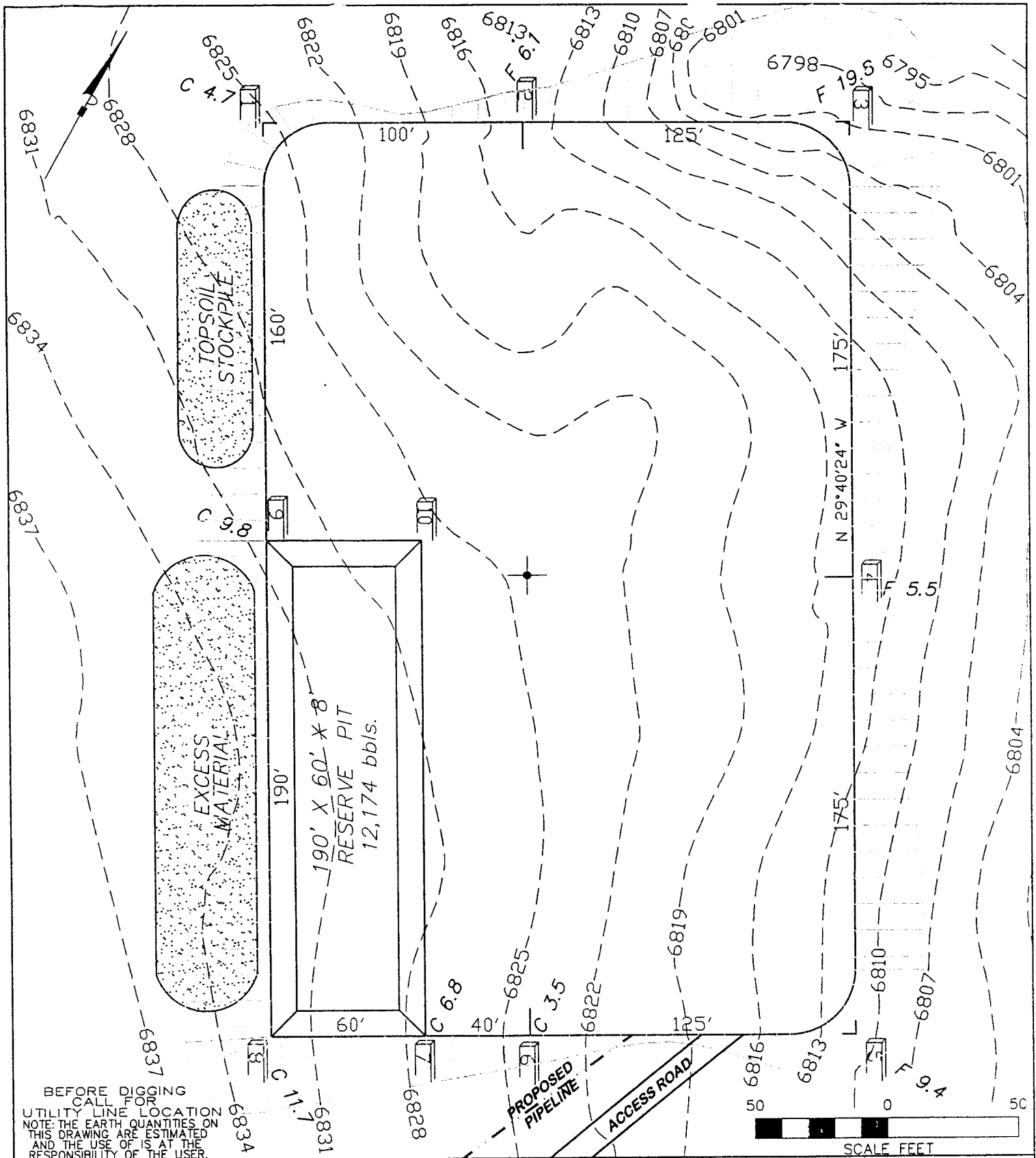
JOB No. 13599

REVISED: 2/28/06

ENCANA OIL & GAS (USA) INC.
BULL HORN FED 10-21-30-25

ESTIMATED EARTHWORK

ITEM	CUT	FILL	TOPSOIL	EXCESS
PAD	8221 CY	5883 CY	1460 CY	878 CY
PIT	2532 CY			2532 CY
TOTALS	10753 CY	5883 CY	1460 CY	3410 CY



DRIFFIN & ASSOCIATES, INC.

**ENCANA OIL & GAS (USA) INC.
BULL HORN FED 10-21-30-25**

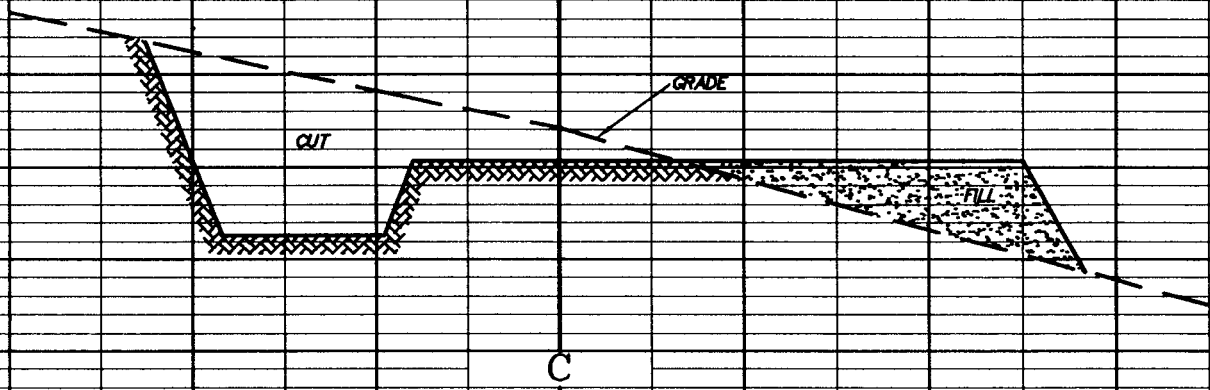
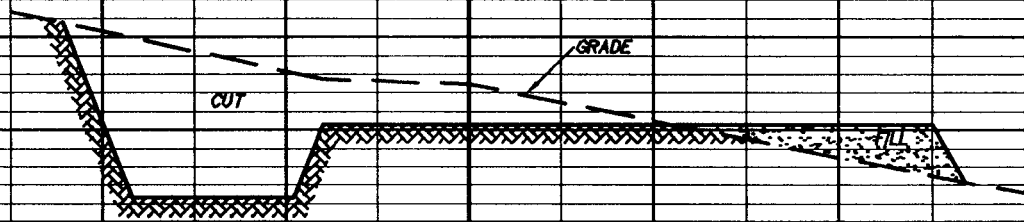
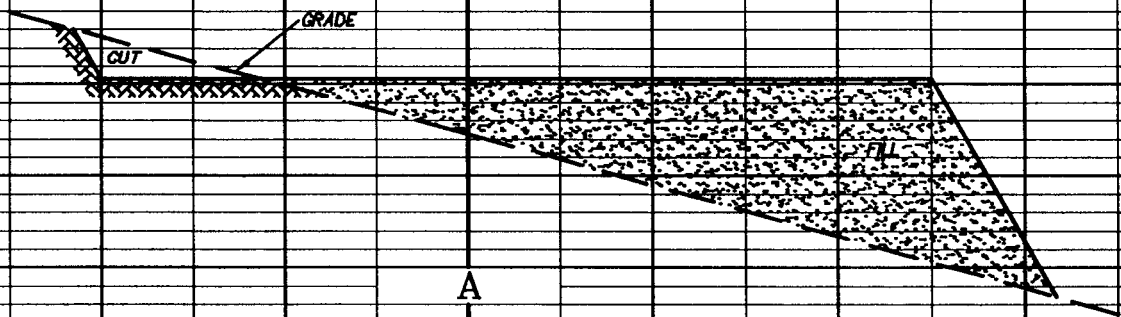
1414 ELK ST., SUITE 202
ROCK SPRINGS, WY 82901
(307) 362-5028

JOB No. 13599

REVISED: 4/13/06

SCALE: 1" = 50'

EXHIBIT 2A



RIFFIN & ASSOCIATES, INC.

1414 ELK ST., SUITE 202
ROCK SPRINGS, WY 82901
(307) 362-5028

JOB No. 13599

DATE: 1/24/06

**ENCANA OIL & GAS (USA) INC.
BULL HORN FED 10-21-30-25**

HORZ. 1" = 50' VERT. 1" = 20'

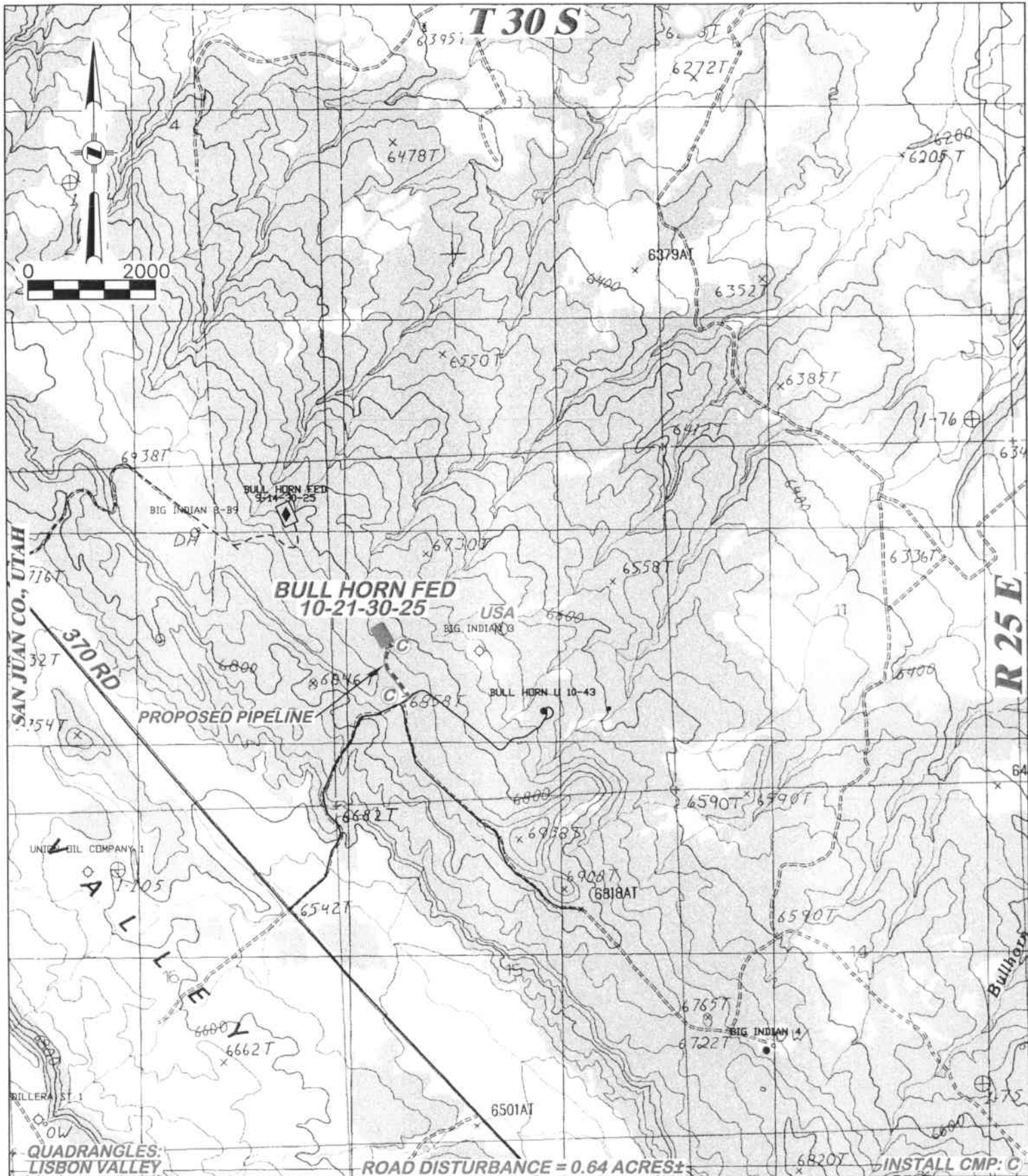
UNGRADED ELEVATION: 6824.6'
FINISHED ELEVATION: 6820.6'

EXHIBIT 3



TOPO MAP
A

T 30 S



RIFFIN & ASSOCIATES, INC.

**PROPOSED ACCESS ROAD FOR
ENCANA OIL & GAS (USA) INC.
BULL HORN FED 10-21-30-25**

1414 ELK ST., SUITE 202
ROCK SPRINGS, WY 82901
(307) 362-5028

SCALE: 1" = 2000'

JOB No. 13599

REVISED: 4/13/06

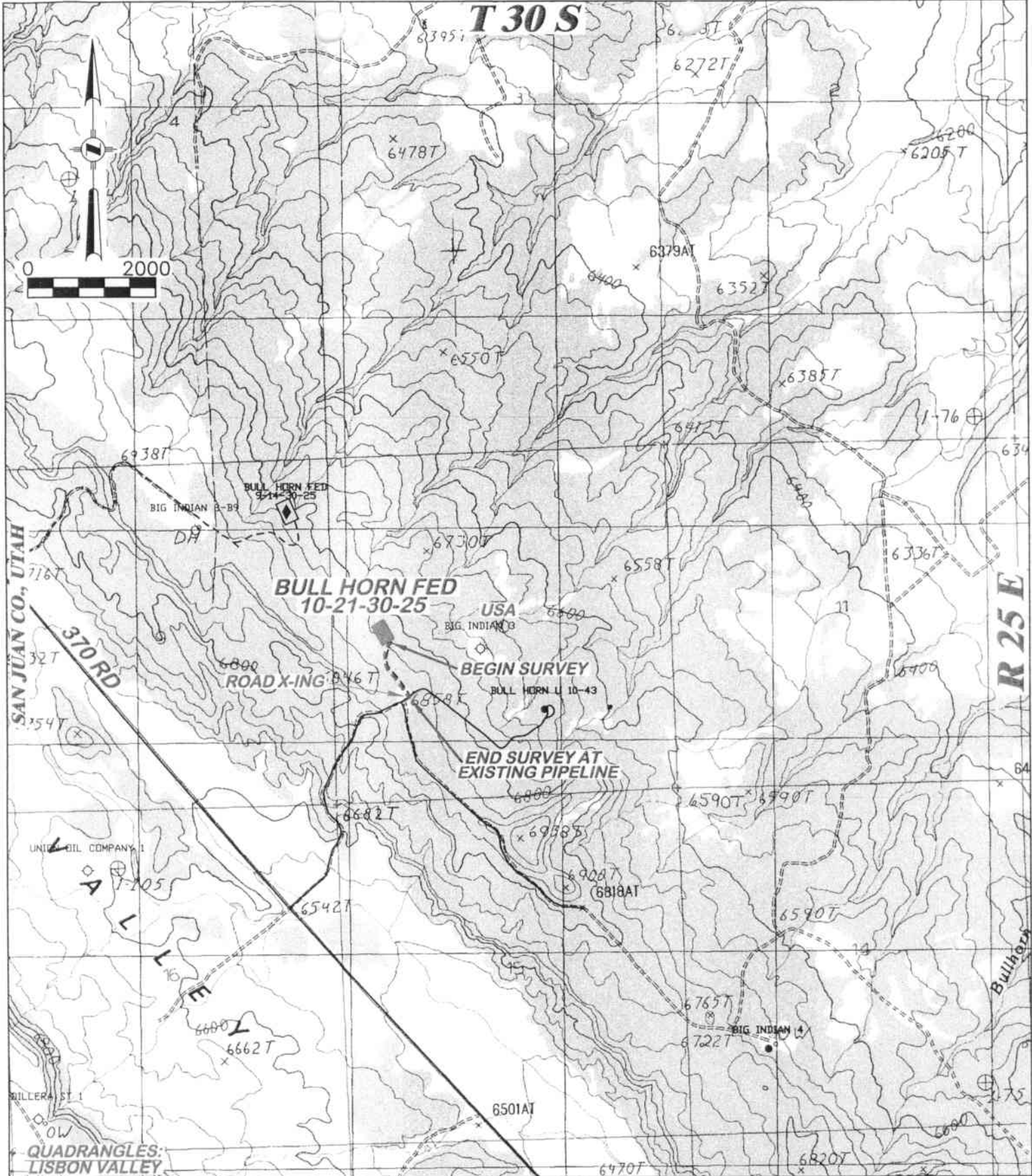
TOTAL PROPOSED LENGTH: 939'±

EXISTING ROAD

PROPOSED ROAD

**TOPO MAP
B**

T 30 S



RIFFIN & ASSOCIATES, INC.

**PROPOSED PIPELINE FOR
ENCANA OIL & GAS (USA) INC.
BULL HORN FED 10-21-30-25**

1414 ELK ST., SUITE 202
ROCK SPRINGS, WY 82901
(307) 362-5028

SCALE: 1" = 2000'

JOB No. 13599

REVISED: 4/13/06

TOTAL PROPOSED LENGTH: 1,000.3'±

EXISTING ROAD

PROPOSED PIPELINE

**TOPO MAP
C**



WELL LOCATION LOOKING NORTH



WELL LOCATION LOOKING SOUTH



WELL LOCATION LOOKING EAST



WELL LOCATION LOOKING WEST



ACCESS ROAD AT TAKEOFF



RIFFIN & ASSOCIATES, INC.

1414 ELK ST., SUITE 202
ROCK SPRINGS, WY 82901
(307) 362-5028

JOB No. 13599

DATE: 1/24/06

**ENCANA OIL & GAS (USA) INC.
BULL HORN FED 10-21-30-25**

EXHIBIT 6

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 04/24/2006

API NO. ASSIGNED: 43-037-31849

WELL NAME: BULL HORN FED 10-21-30-25

OPERATOR: ENCANA OIL & GAS (USA) (N2175)

CONTACT: JEVIN CROTEAU

PHONE NUMBER: 303-623-2300

PROPOSED LOCATION:

NWSW 10 300S 250E

SURFACE: 2569 FSL 0764 FWL

SE NW BOTTOM: 2496 FNL 0750 FWL

COUNTY: SAN JUAN

LATITUDE: 38.19204 LONGITUDE: -109.1712

UTM SURF EASTINGS: 660157 NORTHINGS: 4228497

FIELD NAME: WILDCAT (1)

INSPECT LOCATN BY: / /

Tech Review

Initials

Date

Engineering

Geology

Surface

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-73190

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: HNKRT

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

☒ Plat

☒ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. RLB0004733)

☒ Potash (Y/N)

☒ Oil Shale 190-5 (B) or 190-3 or 190-13

☒ Water Permit
(No. 05-6)

☒ RDCC Review (Y/N)
(Date:)

☒ Fee Surf Agreement (Y/N)

☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

___ R649-2-3.

Unit: BULL HORN *OL*

___ R649-3-2. General

Siting: 460 From Qtr/Qtr & 920' Between Wells

___ R649-3-3. Exception

___ Drilling Unit

Board Cause No: _____

Eff Date: _____

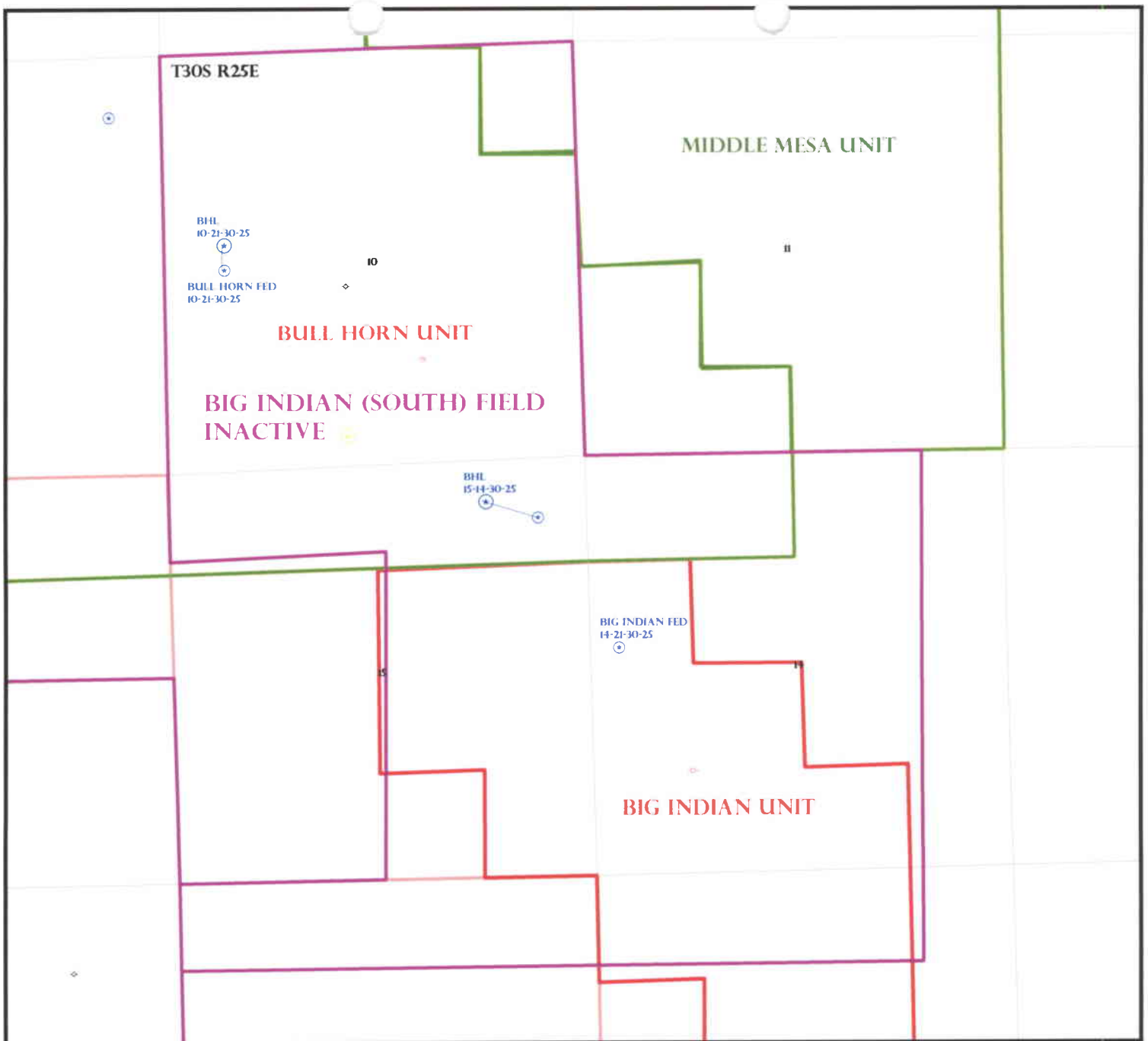
Siting: _____

☒ R649-3-11. Directional Drill

COMMENTS: _____

STIPULATIONS: _____

1- Federal Approval
2- Spacing Slip



OPERATOR: ENCANA O&G USA (N2175)

SEC: 10,15 T. 30S R. 25E

FIELD: WILDCAT (001)

COUNTY: SAN JUAN

SPACING: R649-3-11 / DIRECTIONAL DRILLING

Field Status

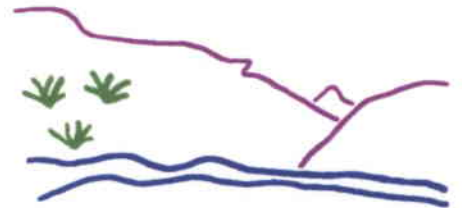
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

Unit Status

- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Wells Status

- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL
- DRILLING



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY
DATE: 27-APRIL-2006



State of Utah

Department of Natural Resources

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

April 27, 2006

Encana Oil & Gas (USA) Inc.
370 17th St., Ste. 1700
Denver, CO 80202

Re: Bull Horn Federal 10-21-30-25 Well, Surface Location 2569' FSL, 764' FWL, NW SW, Sec. 10, T. 30 South, R. 25 East, Bottom Location 2496' FNL, 750' FWL, SW NW, Sec. 10, T. 30 South, R. 25 East, San Juan County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-037-31849.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: San Juan County Assessor
Bureau of Land Management, Moab District Office

Operator: Encana Oil & Gas (USA) Inc.
Well Name & Number Bull Horn Federal 10-21-30-25
API Number: 43-037-31849
Lease: UTU-73190

Surface Location: NW SW **Sec.** 10 **T.** 30 South **R.** 25 East
Bottom Location: SW NW **Sec.** 10 **T.** 30 South **R.** 25 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

6. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
APPLICATION FOR PERMIT TO DRILL OR REENTER**

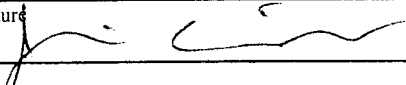

FORM APPROVED
OMB NO. 1004-0137
Expires: March 31, 2007

1a. Type of Work <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-73190
1b. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name
2. Name of Operator EnCana Oil & Gas (USA) Inc.		7. If Unit or CA Agreement, Name and No. Bull Horn Unit #UTU-81301X
3a. Address 370 17th St., Suite 1700, Denver CO 80202		8. Lease Name and Well No. Bull Horn Fed 10-21-30-25
3b. Phone No. (include area code) 303-623-2300		9. API Well No. 4303731849
4. Location of well (Report location clearly and in accordance with any State requirements. *) At surface 2569' FSL & 764' FWL At proposed prod. zone 2496' FNL & 750' FWL		10. Field and Pool, or Exploratory Big Indian (South) Field
11. Sec., T., R., M., or Blk. And Survey or Area Sec. 10, T30S-R25E		12. County or Parish San Juan
13. State Utah		14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Approximately 10 Miles SE of La Sal, UT
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg unit line, if any) 589' 589' Unit line	16. No. of Acres in lease 1,878.03	17. Spacing Unit dedicated to this well 40 acres
18. Distance from proposed location* to nearest well, drilling completed, applied for, on this lease, ft. Approx. 2780'	19. Proposed Depth 5890' TVD	20. BLM/ BIA Bond No. on file RLB0004733 UT1005
21. Elevations (Show whether DF, RT, GR, etc.) 6824.6' GR	22. Approximate date work will start* May, 2006	23. Estimated Duration 30 Days
24. Attachments		

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1 shall be attached to this form:

- | | |
|---|---|
| 1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 4. Bond to cover the operations unless covered by existing bond on file (see item 20 above).
5. Operator certification.
6. Such other site specific information and/ or plans as may be required by the authorized officer. |
|---|---|

I hereby certify that EnCana Oil & Gas (USA) Inc. is responsible under the terms and conditions of the lease to conduct lease operations.
Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by RLB0004733.

25. Signature 	Name (Printed/ Typed) Jevin Crofteau	Date 4/21/06
Title Regulatory Analyst		
Approved By (Signature) 	Name (Printed/ Typed) Assistant Field Manager,	Date 5/15/06
Title Division of Resources		
Office Division of Resources Moab Field Office		

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

* (Instructions on page 2)

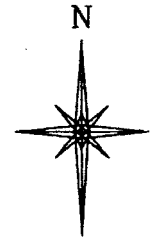
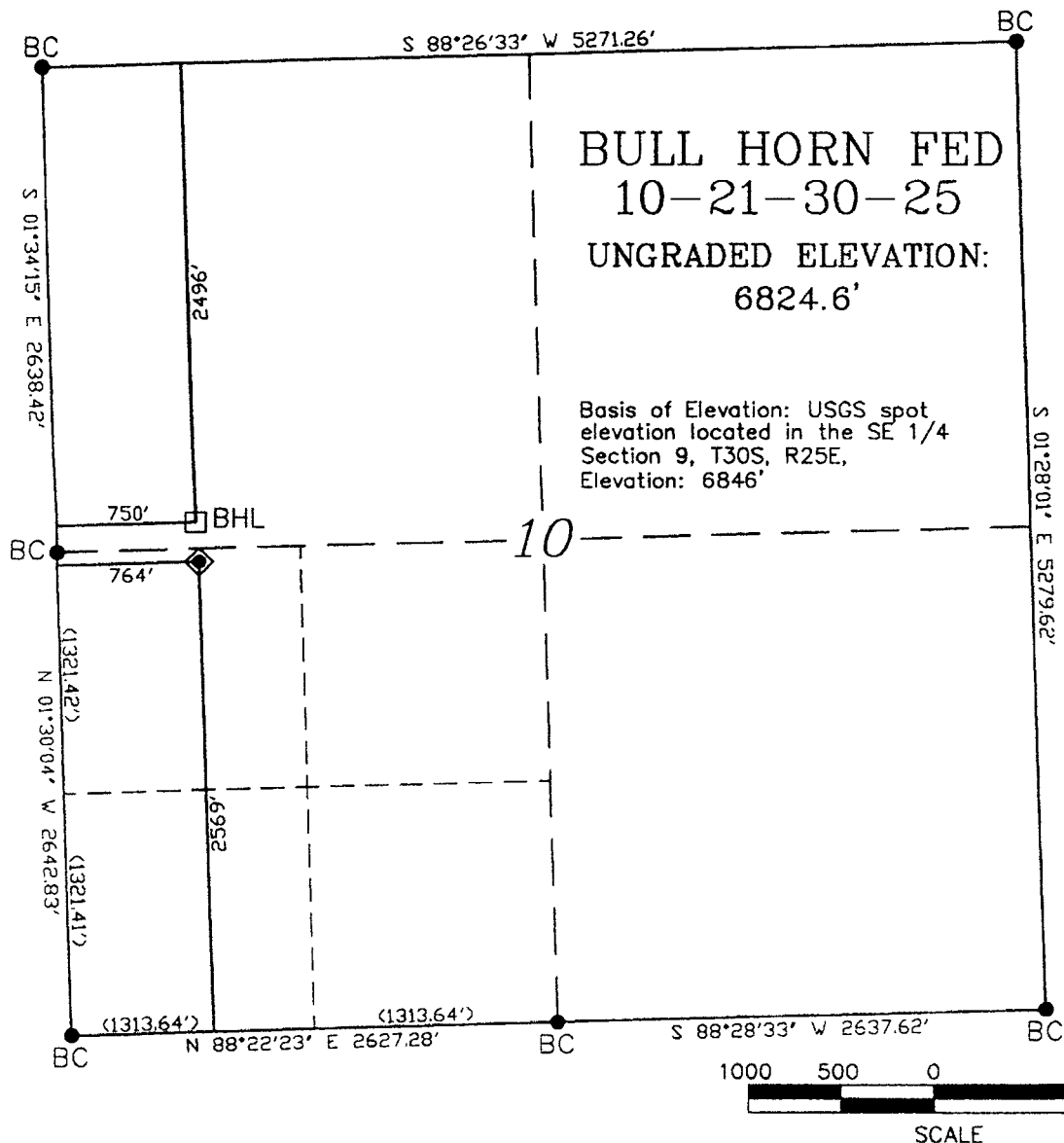
**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY**

**RECEIVED
CONDITIONS OF APPROVAL ATTACHED
MAY 22 2006**

DIV. OF OIL, GAS & MINING

**RECEIVED
DIVISION OF OIL, GAS & MINING
APR 21 A 10:43
MOAB FIELD OFFICE**

R. 25 E.



SCALE: 1" = 1000'

T. 30 S.

LATITUDE
NORTH 38.192163 DEG.

LONGITUDE
WEST 109.171084 DEG.

NORTHING
563793.99
EASTING
2669286.04

DATUM
SPCS UT SOUTH (NAD 27)

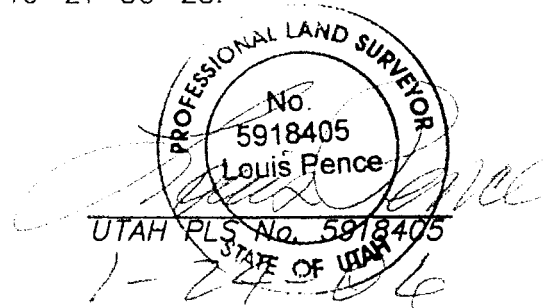
SURVEYOR'S STATEMENT

I, Louis A. Pence, of Rock Springs, Wyoming, hereby state: This map was made from notes taken during an actual survey under my direct supervision on JANUARY 16, 2006, and it correctly shows the location of BULL HORN FED 10-21-30-25.

NOTES

- ◆ WELL LOCATION
- FOUND MONUMENT
- APPROXIMATE BOTTOM HOLE LOCATION

EXHIBIT 1



DRIFFIN & ASSOCIATES, INC.

1414 ELK ST., SUITE 202
ROCK SPRINGS, WY 82901
(307) 362-5028

SCALE: 1" = 1000'

JOB No. 13599

DATE: 1/24/06

**PLAT OF DRILLING LOCATION
FOR
ENCANA OIL & GAS (USA) INC.**

**2569' F/SL & 764' F/WL, SECTION 10,
T. 30 S., R. 25 E., SALT LAKE B.M.
SAN JUAN COUNTY, UTAH**

EnCana Oil & Gas (USA), Inc.
Bull Horn Federal 10-21-30-25
Lease UTU-73190
Bull Horn Unit (UTU-81301-X)
Location: Surf- NW/SW Section 10, T30S, R25E
 BHL- SW/NW Section 10, T30S, R25E
San Juan County, Utah

**A COMPLETE COPY OF THIS PERMIT SHALL BE KEPT ON LOCATION
from the beginning of site construction through well completion, and shall be available to
contractors to ensure compliance.**

CONDITIONS OF APPROVAL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be advised that EnCana Oil & Gas (USA), Inc. is considered to be the operator of the above well and is responsible under the terms and conditions of the lease for the operations conducted on the leased lands.

Bond coverage for this well is provided by UT1005 (Principal – EnCana Oil & Gas (USA), Inc.) via surety consent as provided for in 43 CFR 3104.2.

This office will hold the aforementioned operator and bond liable until the provisions of 43 CFR 3106.7-2 continuing responsibility are met.

This permit will be valid for a period of one year from the date of approval. After permit termination, a new application must be filed for approval.

All lease operations will be conducted in full compliance with applicable regulations (43 CFR 3100), Onshore Oil and Gas Orders, lease terms, notices to lessees, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors.

A. DRILLING PROGRAM

1. The proposed 3M BOPE is adequate for anticipated conditions. Installation, testing and operation of the system shall be in conformance with Onshore Oil and Gas Order No. 2.
2. Concurrent approval from the State of Utah, Division of Oil, Gas & Mining (DOGM) is required before conducting any surface disturbing activities.
3. The surface casing shall be set not less than 50 feet into the Chinle Formation.

B. SURFACE USE PLAN

1. Cultural resource sites identified in the inventory reports prepared by Four Corners Archaeological Services (4-CAS Report Nos. 2615 and 2616), will be avoided during all phases of the project.
2. The operator or his contractor will contact the Moab Field Office (Rich McClure, 435-259- 2127), at least two working days prior to the anticipated start of construction to schedule a pre-work conference. The construction contractor and an approved archaeologist will attend the pre-work conference to inspect cultural resource sites and discuss procedures for avoidance (such as monitoring, flagging, fencing, constructing berms).
3. In order to avoid impacts to the sites identified in the cultural resources inventory reports, several actions will be implemented during road construction operations:
 - a. An approved archaeologist will monitor the road construction near the cultural resource sites identified in the inventory reports.
 - b. An approved archaeologist will select the boundaries of construction zones and areas for flagging, fencing, constructing soil berms to identify the areas to be avoided during construction. The operator will be responsible for assuring that these areas are identified to construction personnel and that the sites are not impacted during the road construction.
 - c. The operator will be responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts.
 - d. Any cultural and/or paleontological resource (historic or prehistoric site or object) discovered by the operator, or any person working on his behalf, on public or Federal land will be immediately reported to the authorized officer. Operator will suspend all operations in the immediate area of such discovery until written authorization to proceed is issued by the authorized officer. An evaluation of the discovery will be made by the authorized officer to determine appropriate actions to prevent the loss of significant cultural or scientific values. The operator will be responsible for the cost of evaluation of the discovery and proper mitigation measures. Any decision as to proper mitigation shall be made by the authorized officer after consulting with the operator.
4. In order to protect watershed values, no road/well pad construction or drilling operations will be authorized between November 1 and April 30. The limitation does not apply to maintenance and operation of producing wells. Exceptions to this limitation may be specified in writing by the Moab Field Office.
5. In order to protect wintering big game animals, no road/well pad construction or drilling operations will be authorized between November 1 and May 15. The limitation does not apply to maintenance and operation of producing wells. Exceptions to this limitation may be specified in writing by the Moab Field Office.

6. The operator will be responsible for weed control on the disturbed areas within the limits of the well pad and road construction. The operator will be responsible for consultation with the authorized officer and/or local authorities for acceptable weed control methods.

C. REQUIRED APPROVALS, REPORTS AND NOTIFICATIONS

Required verbal notifications are summarized in Table 1, attached.

Building Location- Contact the BLM, Natural Resource Protection Specialist at least 48-hours prior to commencing construction of location.

Spud- The spud date will be reported to BLM 24-hours prior to spudding. Written notification in the form of a Sundry Notice (Form 3160-5) will be submitted to the Moab Field Office within 24-hours after spudding, regardless of whether spud was made with a dry hole digger or big rig.

Daily Drilling Reports- Daily drilling reports shall detail the progress and status of the well and shall be submitted to the Moab Field Office on a weekly basis.

Oil and Gas Operations Reports (OGORs)- Production from this well shall be reported to Minerals Management Service (MMS) on a monthly basis.

Sundry Notices- There will be no deviation from the proposed drilling and/or workover program without prior approval. "Sundry Notices and Reports on Wells" (Form 3160-5) will be filed with the Moab Field Office for approval of all changes of plans and subsequent operations in accordance with 43 CFR 3162.3-2. Safe drilling and operating practices must be observed.

Drilling Suspensions- Operations authorized by this permit shall not be suspended for more than 30 days without prior approval of the Moab Field Office. All conditions of this approval shall be applicable during any operations conducted with a replacement rig.

Undesirable Events- Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be immediately reported to the BLM in accordance with requirements of NTL-3A.

Cultural Resources- If cultural resources are discovered during construction, work that might disturb the resources is to stop, and the Moab Field Office is to be notified.

First Production- Should the well be successfully completed for production, the Moab Field Office will be notified when the well is placed in producing status. Such notification may be made by phone, but must be followed by a sundry notice or letter not later than five business days following the date on which the well is placed into production.

A first production conference will be scheduled as soon as the productivity of the well is apparent. This conference should be coordinated through the Moab Field Office. The Moab Field Office shall be notified prior to the first sale.

Well Completion Report- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted to the Moab Field Office not later than thirty-days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs, core descriptions, core analyses, well test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. When requested, samples (cuttings and/or samples) will be submitted to the Moab Field Office.

Venting/Flaring of Gas- Gas produced from this well may not be vented/flared beyond an initial, authorized test period of 30 days or 50 MMcf, whichever first occurs, without the prior, written approval of the Moab Field Office. Should gas be vented or flared without approval beyond the authorized test period, the well may be ordered shut-in until the gas can be captured or approval to continue the venting/flaring as uneconomic is granted. In such case, compensation to the lessor (BLM) shall be required for that portion of the gas that is vented/flared without approval and which is determined to have been avoidably lost.

Produced Water- An application for approval of a permanent disposal method and location will be submitted to the Moab Field Office for approval pursuant to Onshore Oil and Gas Order No.7.

Off-Lease Measurement, Storage, Commingling- Prior approval must be obtained from the Moab Field Office for off-lease measurement, off-lease storage and/or commingling (either down-hole or at the surface).

Plugging and Abandonment- If the well is completed as a dry hole, plugging instructions must be obtained from the Moab Field Office prior to initiating plugging operations.

A "Subsequent Report of Abandonment" (Form 3160-5) will be filed with the Moab Field Office within thirty-days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Upon completion of approved plugging, a regulation marker will be erected in accordance with 43 CFR 3162.6. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the Price Field Office or the appropriate surface managing agency.

TABLE 1

NOTIFICATIONS

Notify Rich McClure (435-259-2127) BLM Moab Field Office, or Jeff Brown (435-587-1525) BLM Monticello Field Office for the following:

2 days prior to commencement of dirt work, construction and reclamation (McClure);

1 day prior to spudding (Brown);

50 feet prior to reaching the surface casing setting depth (Brown);

3 hours prior to testing BOPE (Brown).

If the person at the above number cannot be reached, notify the Moab Field Office at 435-259-2100. If unsuccessful, contact the person listed below.

Well abandonment operations require 24 hour advance notice and prior approval. In the case of newly drilled dry holes, verbal approval can be obtained by calling the Moab Field Office at 435-259-2100. If approval is needed after work hours, you may contact the following:

Eric Jones, Petroleum Engineer

Office: 435-259-2117

Home: 435-259-2214

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:
UTU-73190

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
Bull Horn Unit

8. WELL NAME and NUMBER:
Bull Horn Fed 10-21-30-25

9. API NUMBER:
4303731849

10. FIELD AND POOL, OR WILDCAT:

1. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER _____

2. NAME OF OPERATOR:
EnCana Oil & Gas (USA) Inc.

3. ADDRESS OF OPERATOR:
370 17th Street CITY Denver STATE CO ZIP 80202 PHONE NUMBER: (303) 623-2300

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 2569' FSL & 764' FWL COUNTY: San Juan

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 10 30S 25E S STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: 5/22/2006	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Change Bottom Hole Location
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

EnCana Oil & Gas (USA) Inc. is requesting permission to move the originally permitted bottom hole location approximately 226' to the West.

From: 2496' FNL & 750' FWL

To: 2506' FNL & 524' FWL

Enclosed is a new plat with the surface and new bottom hole location, a directional plan and a letter signed by Cabot Oil & Gas Corporation giving consent to the BH location.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 05-24-06
By: [Signature]

NAME (PLEASE PRINT) Jevin Croteau

TITLE Regulatory Analyst

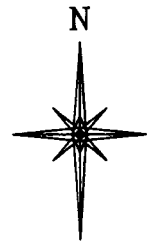
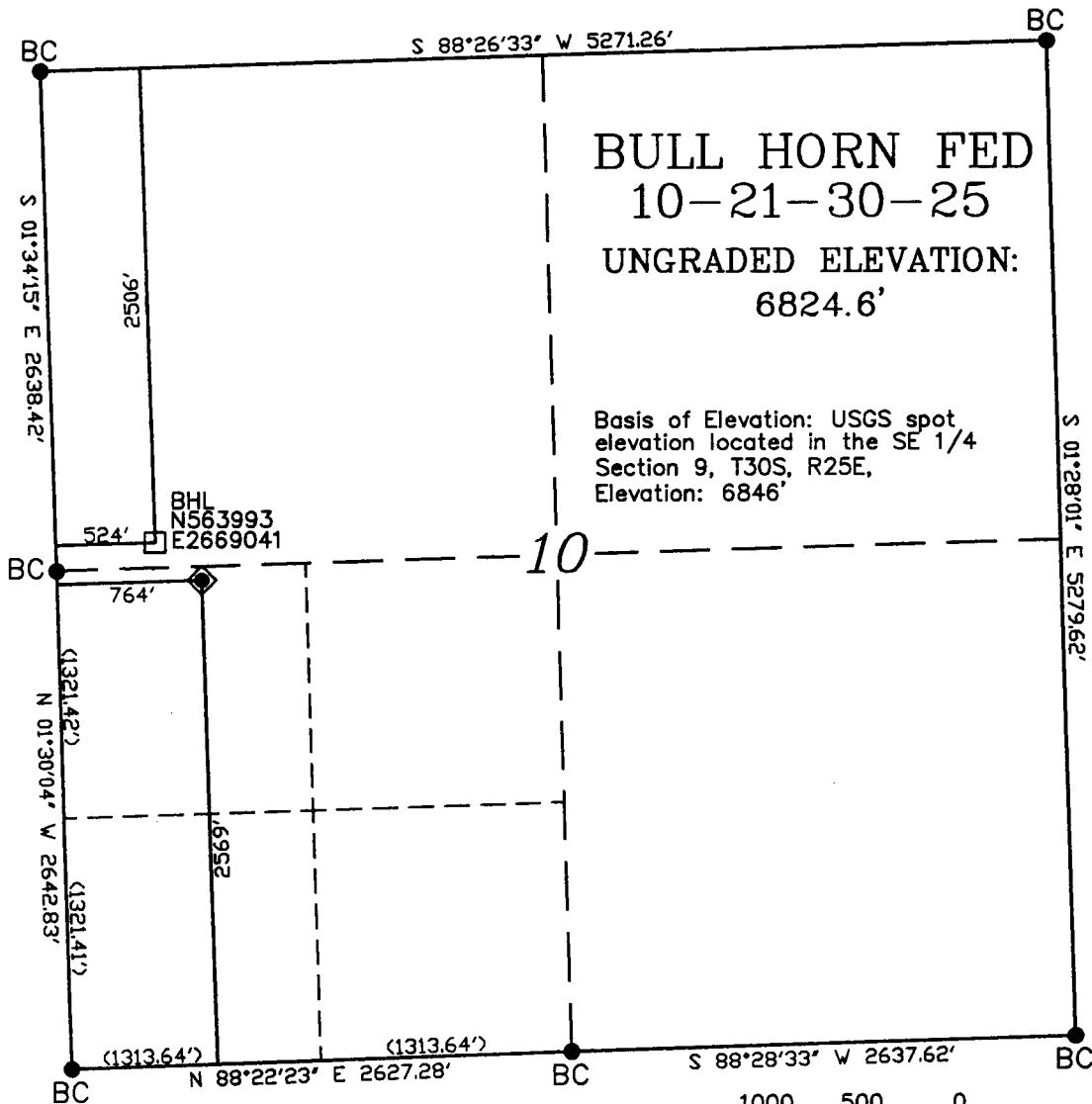
SIGNATURE [Signature]

DATE 5/18/2006

(This space for State use only)

RECEIVED
MAY 19 2006

R. 25 E.



SCALE: 1" = 1000'

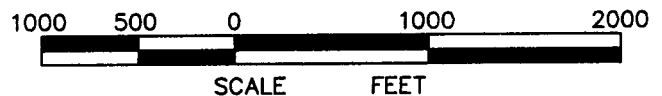
T. 30 S.

LATITUDE
NORTH 38.192163 DEG.

LONGITUDE
WEST 109.171084 DEG.

NORTHING
563793.99
EASTING
2669286.04

DATUM
SPCS UT SOUTH (NAD 27)



SURVEYOR'S STATEMENT

I, Brian L. Forbes, of Rock Springs, Wyoming, hereby state: This map was made from notes taken during an actual survey under my direct supervision on JANUARY 16, 2006, and it correctly shows the location of BULL HORN FED 10-21-30-25.

NOTES

- ◆ WELL LOCATION
- FOUND MONUMENT
- APPROXIMATE BOTTOM HOLE LOCATION

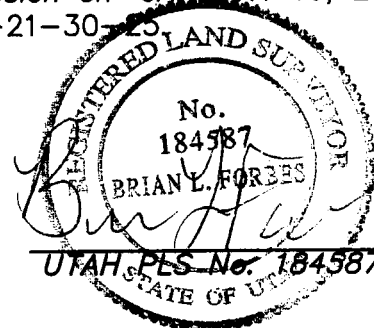


EXHIBIT 1



RIFFIN & ASSOCIATES, INC.

**PLAT OF DRILLING LOCATION
FOR
ENCANA OIL & GAS (USA) INC.**

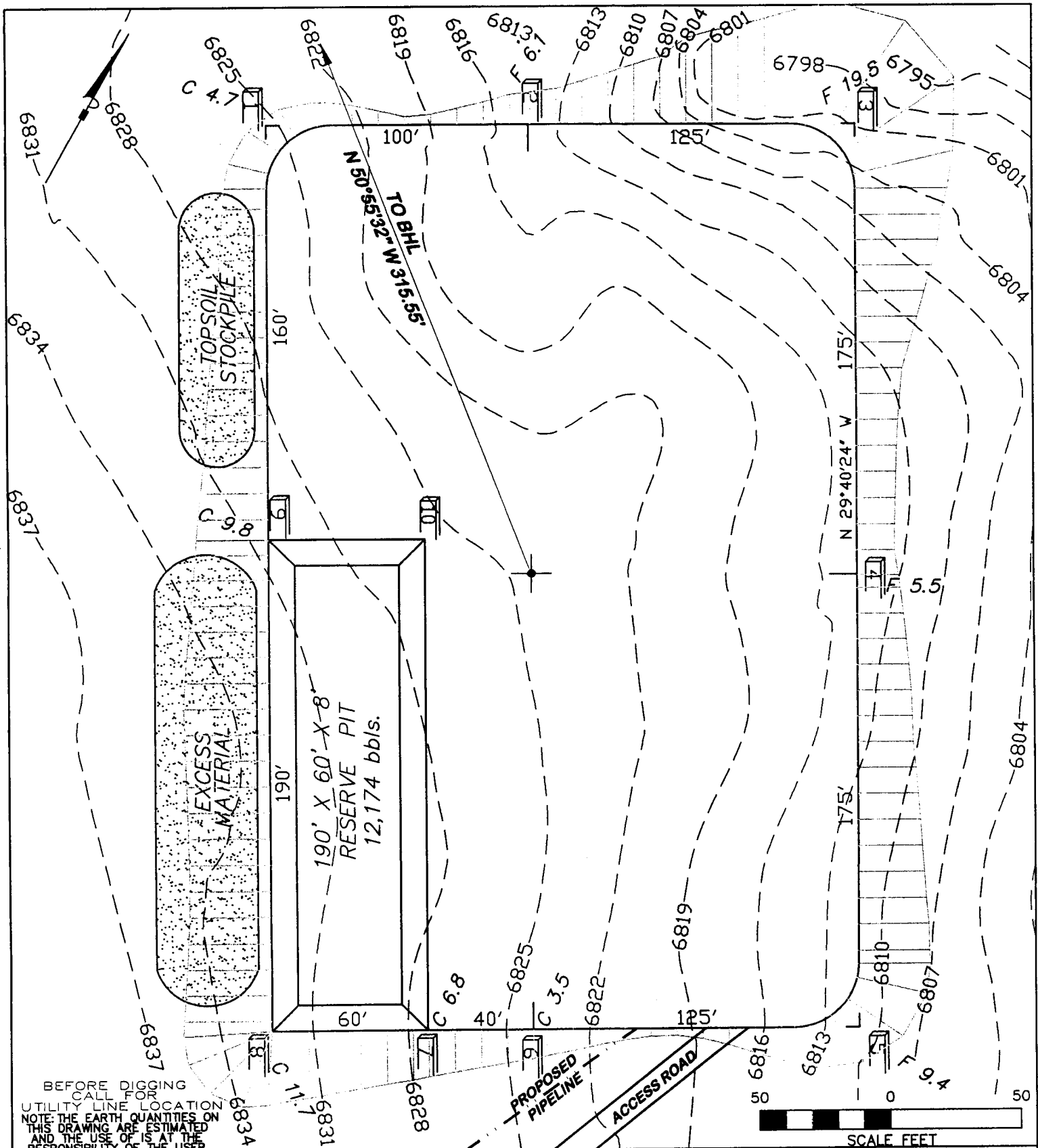
1414 ELK ST., SUITE 202
ROCK SPRINGS, WY 82901
(307) 362-5028

SCALE: 1" = 1000'

JOB No. 13599

REVISED: 5/16/06

**2569' F/SL & 764' F/WL, SECTION 10,
T. 30 S., R. 25 E., SALT LAKE B.M.
SAN JUAN COUNTY, UTAH**



RIFFIN & ASSOCIATES, INC.

ENCANA OIL & GAS (USA) INC.
BULL HORN FED 10-21-30-25

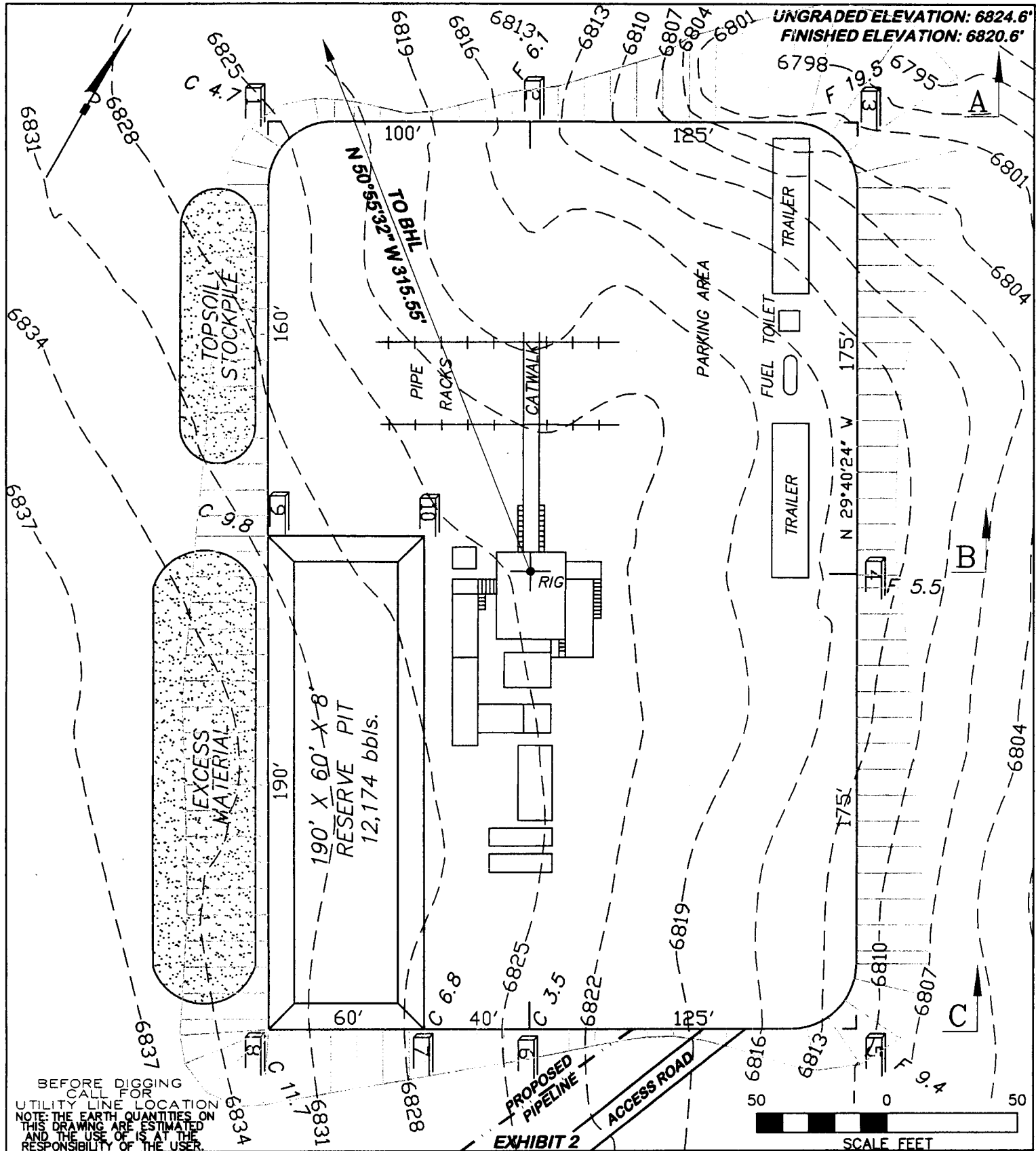
1414 ELK ST., SUITE 202
ROCK SPRINGS, WY 82901
(307) 362-5028

JOB No. 13599

REVISED: 5/16/06

SCALE: 1" = 50'

EXHIBIT 2A



BEFORE DIGGING
CALL FOR
UTILITY LINE LOCATION
NOTE: THE EARTH QUANTITIES ON
THIS DRAWING ARE ESTIMATED
AND THE USE OF IS AT THE
RESPONSIBILITY OF THE USER.



GRIFFIN & ASSOCIATES, INC.

1414 ELK ST., SUITE 202
ROCK SPRINGS, WY 82901
(307) 362-5028

SCALE: 1" = 50'

JOB No. 13599

REVISED: 5/16/06

ENCANA OIL & GAS (USA) INC.
BULL HORN FED 10-21-30-25

ESTIMATED EARTHWORK

ITEM	CUT	FILL	TOPSOIL	EXCESS
PAD	8221 CY	5883 CY	1460 CY	878 CY
PIT	2532 CY			2532 CY
TOTALS	10753 CY	5883 CY	1460 CY	3410 CY

Drilling Program

Page 1

ONSHORE OIL & GAS ORDER NO. 1**Approval of Operations on Onshore****Federal and Indian Oil and Gas Leases**

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Order No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

1. FORMATION TOPS

The estimated tops of important geologic markers are as follows:

Formation	Depth (TVD)	Subsea
Burro Canyon	Surface	+6845'
Entrada	802'	+6043'
Navajo	1013'	+5832'
Kayenta	1544'	+5301'
Wingate	1745'	+5100'
Chinle	2043'	+4802'
Cutler	2043'	+4802'
Honaker Trail	3284'	+3561'
Honaker Trail HSST	4541'	+2304'
LaSal	4775'	+2070'
TD	5890'	+955'

2. ANTICIPATED DEPTH OF WATER, OIL & GAS

The estimated depths at which the top and bottom of the anticipated water, oil, gas or other mineral bearing formations as expected to be encountered are as follows:

Substance	Formation	Depth (TVD)
Gas	Cutler	2043'
Gas	Honaker Trail	3284'

All fresh water and prospectively valuable minerals encountered during drilling, will be recorded by depth and adequately protected. All indications of usable water (10,000 ppm or less TDS) shall be reported to the Durango Field Office prior to running the next string of

Drilling Program

Page 2

casing or before plugging orders are requested, whichever occurs first.

If noticeable water flows are detected, samples will be submitted to the BLM along with any water analyses conducted.

3. BOP EQUIPMENT/REQUIREMENTS

EnCana Oil & Gas (USA), Inc.'s minimum specification for pressure control equipment are as follows:

Ram Type: 11" Hydraulic double ram with annular, 3000 psi w.p.

Ram type preventers and associated equipment shall be tested to approved stack working pressure if isolated by test plug or to 70% of internal yield pressure of casing. Pressure shall be maintained for at least 10 minutes or until requirements of test are met, whichever is longer. If a test plug is utilized, no bleed-off pressure is acceptable. For a test not utilizing a test plug, if a decline in pressure of more than 10% in 30 minutes occurs, the test shall be considered to have failed. Valve on casing head below test plug shall be open during test of BOP stack.

Annular type preventers (if used) shall be tested to 50% of rated working pressure. Pressure shall be maintained at least 10 minutes or until provisions of test are met, whichever is longer.

As a minimum, the above test shall be performed:

- a. when initially installed:
- b. whenever any seal subject to test pressure is broken
- c. following related repairs: and
- d. at 30 day intervals

Valves shall be tested from working pressure side during BOPE tests with all down stream valves open.

When testing the kill line valve(s) shall be held open or the ball removed.

Annular preventers (if used) shall be functionally operated at least weekly.

Pipe and blind rams shall be activated each trip, however, this function need not be performed more than once a day.

A BOPE pit level drill shall be conducted weekly for each drilling crew.

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests. Pressure tests shall apply to all related well control equipment.

BOP systems shall be consistent with API RP53. Pressure tests will be conducted before drilling out from under casing strings which have been set and cemented in place. Blowout preventer controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at

Drilling Program

Page 3

least daily to ensure good mechanical working order, and this inspection will be recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs.

The BLM in Moab, Utah shall be notified, at least 24 hours prior to initiating the pressure test, in order to have a BLM representative on location during pressure testing.

- a. The size and rating of the BOP stack is shown on the attached diagram.
- b. A choke line and a kill line are to be properly installed. The kill line is not to be used as a fill-up line.
- c. The accumulator system shall have a pressure capacity to provide for repeated operation of hydraulic preventers.
- d. Drill string safety valve(s), to fit all tools in the drill string, are to be maintained on the rig floor while drilling operations are in progress.

4. CASING AND CEMENTING PROGRAMS

- a. The BLM in Moab, Utah shall be notified at least 24 hours prior to the running and cementing of all casing strings, in order to have a BLM representative on location while running and cementing all casing strings.
- b. The proposed casing and cementing program shall be conducted as approved to protect and/or isolate all usable water zones, potentially productive zones, lost circulation zones, abnormally pressured zones, and any prospectively valuable deposits of minerals. Any isolating medium other than cement shall receive approval prior to use. The casing setting depth shall be calculated to position the casing seat opposite a competent formation which will contain the maximum pressure to which it will be exposed during normal drilling operations. Determination of casing setting depth shall be based on all relevant factors, including; presence/absence of hydrocarbons; fracture gradients; usable water zones; formation pressures; lost circulation zones; other minerals; or other unusual characteristics. All indications of usable water shall be reported.
- c. Casing design shall assume formation pressure gradients of 0.44 to 0.50 psi per foot for exploratory wells (lacking better data).
- d. Casing design shall assume fracture gradients from 0.70 to 1.00 psi per foot for exploratory wells (lacking better data).
- e. Casing collars shall have a minimum clearance of 0.422 inches of all sides in the hole/casing annulus, with recognition that variances can be granted for justified exceptions.
- f. All waiting on cement times shall be adequate to achieve a minimum of 500 psi compressive strength at the casing shoe prior to drilling out.
- g. All casing except the conductor casing, shall be new or reconditioned and tested used casing that meets or exceeds API standards for new casing.
- h. The surface casing shall be cemented back to surface either during the primary cement job or by remedial cementing.

Drilling Program

Page 4

- i. All indication of usable water shall be reported to the authorized officer prior to running the next string of casing or before plugging orders are requested, whichever occurs first.
- j. Surface casing shall have centralizers on the bottom 3 joints of casing (a minimum of one centralizer per joint starting with the shoe joint).
- k. Top plugs shall be used to reduce contamination of cement by displacement fluid. A bottom plug or other acceptable technique, such as a suitable preflush fluid, inner string cement method, etc. shall be utilized to help isolate the cement from contamination by the mud fluid being displaced ahead of the cement slurry.
- l. All casing strings below the conductor shall be pressure tested to 0.22 psi per foot of casing string length or 1500 psi, whichever is greater, but not to exceed 70% of the minimum internal yield. If pressure declines more than 10% in 30 minutes, corrective actions shall be taken.
- m. On all exploratory wells, and on that portion of any well approved for a 5M BOPE system or greater, a pressure integrity test of each casing shoe shall be performed. Formation at the shoe shall be tested to minimum of the mud weight equivalent anticipated to control the formation pressure to the next casing depth or at total depth of the well. This test shall be performed before drilling more than 20 feet of new hole.
- n. The proposed casing program will be as follows:

Purpose	Depth (MD)	Hole Size	O.D.	Weight	Grade	Type	New/Used
Surface	0-120'	11"	8-5/8"	32#	J-55	ST&C	New
Surface	120'-2050'	11"	8-5/8"	24#	J-55	ST&C	New
Production	0'-5919'	7-7/8"	4-1/2"	11.6#	I-80	LT&C	New

- o. Casing design subject to revision based on geologic conditions encountered.
- p. The cement program will be as follows:

Surface	Type and Amount
0-2050'	Lead: 400 sx Class G 50/50 Poz + 2% gel, 2.09 cuft/sx yield, 12.5 ppg Tail: 200 sx Class G, 1.15 cuft/sx yield, 15.8 ppg
Production	Type and Amount
2050'-5919'	900 sx Class G 50/50 Poz, 1.43 cuft/sx yield, 13 ppg

- q. The BLM in Moab, Utah should be notified, with sufficient lead time, in order to have a BLM representative on location while running all casing strings and cementing.
- r. After cementing but before commencing any test, the casing string shall stand cemented

Drilling Program
Page 5

until the cement has reached a compressive strength of at least 500 psi at the shoe. WOC time shall be recorded in the driller's log.

- s. The following reports shall be filed with the District Manager within 30 days after the work is completed.
 1. Progress reports, Form 3160-5, "Sundry Notices and Reports on Wells", must include complete information concerning:
 - i. Setting of each string of casing, showing the size, grade, weight of casing set, hole size, setting depth, amounts and type of cement used, whether cement circulated or the top of the cement behind the casing, depth of cementing tools used, casing test method and results, and the date work was done. Show the spud date on the first reports submitted.
 - ii. Temperature or bond logs must be submitted for each well where the casing cement was not circulated to the surface.
 - t. Auxiliary equipment to be used is as follows:
 1. Kelly cock
 2. No bit float is deemed necessary.
 3. A sub with a full opening valve.

5. MUD PROGRAM

- a. The proposed circulating mediums to be employed in drilling are as follows:

Interval (MD)	Mud Type	Mud Wt.	Visc.	F/L
0-3200'	Water	+/- 8.5	+/- 28	N.C.
3200'-TD	LSND	+/- 8.5-9.0	+/- 55-60	+/- 8

- b. Mud monitoring equipment to be used is as follows: Periodic checks of the mud system will be made each tour. The mud level will be checked visually.
 1. There will be sufficient mud on location to ensure well control.
 2. A mud test shall be performed every 24 hours after mudding up to determine, as applicable: density, viscosity, gel strength, static filtration loss and Ph.
- c. Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing or completion operations.

6. EVALUATION PROGRAM – TESTING, LOGGING AND CORING

The anticipated type and amount of testing, logging and coring are as follows:

- a. No drill stem tests are anticipated, however, if DST's are run, the following requirements will be adhered to:

Initial opening of drill stem test tools shall be restricted to daylight hours unless specific

Drilling Program

Page 6

approval to start during other hours is obtained from the authorized officer. However, DST's may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e. lighting which is adequate for visibility and vapor-proof for safe operations). Packers can be released, but tripping shall not begin before daylight, unless prior approval is obtained from the authorized officer. Closed chamber DST's may be accomplished day or night.

A DST that flows to the surface with evidence of hydrocarbons shall be reversed out of the testing string under controlled surface conditions. This would involve providing some means for reverse circulation.

Separation equipment required for the anticipated recovery shall be properly installed before a test starts.

All engines within 100 feet of the wellbore that are required to "run" during the test shall have spark arresters or water cooled exhausts.

- b. The logging program will consist of a DIL/CNL/LDT/GR/SP from TD to base of the surface casing.
- c. No whole cores are anticipated. Depending upon evaluation of the open hole logs, several sidewall cores may be obtained in formations of interest.
- d. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, work over, and/or completions, will be filed with form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the authorized officer (AO).
- e. The anticipated completion program is as follows:
Perforate zones of interest, fracture stimulate as necessary and place on production.

7. ABNORMAL PRESSURES AND H₂S GAS

- a. The maximum expected bottom hole pressure is 1400 psi (pressure gradient of 0.33 psi/ft). Source of pressure estimate was from data obtained for the Honaker Trail geological formation via pressures obtained in the Big Indian Unit #3 and #4 wells (#3 well is located within 1 mile of the proposed location).
- b. No hydrogen sulfide gas is anticipated, no abnormal pressures or temperatures are anticipated.
- c. As per Onshore Order No. 6, III.A.2.b., if hydrogen sulfide is present the "operator shall initially test the H₂S concentration of the gas stream for each well or production facility ..." Submit the results of this test within 30 days of filing Form 3160-4, "Well Completion or Recompletion Report and Log".

8. OTHER INFORMATION AND NOTIFICATION REQUIREMENTS

Drilling Program

Page 7

- a. The BLM in Moab (435-259-2100) shall be notified at least 24 hours prior to:
 1. Spudding the well
 2. Running the casing strings and cementing
 3. BOP tests/casing pressured tests.
- b. Within 30 days of completion of the well as a dry hole or producer, a copy of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, work over, and/or completions operations will be filed with a Completion Report (Form 3160-4), in triplicate. Submit casing/cementing reports and other subsequent reports via Sundry Notice Form 3160-5.
- c. In accordance with 43 CFR 3162.4-3, this well shall be reported on MMS Form 3160, "Monthly Report of Operations", starting with the month in which drilling operations commence, and continuing each month until the well is physically plugged and abandoned.
- d. The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or the date on which gas is first measured through permanent metering facilities, whichever first occurs.
- e. Pursuant to NTL-4A, lessees or operators are authorized to vent/flare gas during the initial well evaluation tests, not exceeding a period of 30 days or the production of 50 MMCF of gas, whichever occurs first. An application must be filed with the District Engineer and approval received, for any venting/flaring of gas beyond the initial 30 day authorized period.
- f. A schematic facilities diagram as required by 43 CFR 3162.7-5 (b.9.d), shall be submitted to the appropriate District Office within 60 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5 (b.4).
- g. Off-lease measurement and commingling of production must be approved by the authorized officer.
- h. Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

Drilling Program

Page 8

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

- i. The BLM in Moab (435-259-2100) shall be notified within 5 business days of production start-up if either of the following two conditions occur:
 1. The well is placed on production, or
 2. The well resumes production after being off of production for more than 90 days.

"Placed on production" means shipment or sales of hydrocarbons from temporary tanks, production into permanent facilities or measurement through permanent facilities. Notification may be written or verbal with written follow-up within 15 days.
- j. Drilling is planned to commence upon approval. Completion will begin approximately 30 days after drilling is completed.
- k. It is anticipated that the drilling of this well will take approximately 10-15 days.
- l. No location will be constructed or moved, no well will be plugged, and no drilling or work over equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.
- m. Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.
- n. If a replacement rig is contemplated for completion operations, a "Sundry Notice" Form 3160-5 to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.
- o. Pursuant to Onshore Order No. 7, with the approval of the District Engineer, produced water may be temporarily disposed of into unlined pits for a period of up to 90 days. During the period so authorized, an application for approval of the permanent disposal method, along with the required water analysis and other information, must be submitted to the District Engineer.

If underground injection is proposed, an EPA or State UIC permit shall also be required and submitted to this office.

- p. No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5 will be filed with the AO within 30 days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

ONSHORE ORDER No. 1

EnCana Oil & Gas (USA), Inc.

Bull Horn Federal 10-21-30-25

2569' FSL & 764' FWL (surface)

Section 10-T30S-R25E

2506' FNL & 524' FWL (bottom hole)

Section 10-T30S-R25E

San Juan County, Utah

Lease No. UTU-73190

Drilling Program

Page 9

q. As per 43 CFR 3162.6, each drilling producing or abandoned well shall be identified with the operator's name, the lease serial number, the well number, and the surveyed description of the well (either footages or the quarter-quarter section, the section, township and range). The Indian lessor's name may also be required. All markings shall be legible and in a conspicuous place.

r. Bureau of Land Management, Moab Field Office Address and Contacts:

Address: 82 East Dogwood Ave. Phone: 435-259-2100

Moab, Utah 84532

Business Hours: 7:45 a.m. to 4:30 p.m. (Mountain Time), Mon-Fri.

After Hours:

Jack Johnson	Engineering Technician	435-259-2129
Eric Jones	Petroleum Engineer	435-259-2117

**ENCANA OIL & GAS (USA) INC**

Slot Slot # Bull Horn Federal 10-21-30-25

Walt Bull Horn Federal 10-21-30-25

Wellborn: Bull Horn Federal 12-21-90-25 PWB

Wellborn: Bull Horn Federal 10-21-30-25 PWB

Wellborn: Bull Horn Federal 10-21-30-25 PWB

Wellborn: Bull Horn Federal 10-21-30-25 PWB



**BAKER
HUGHES**

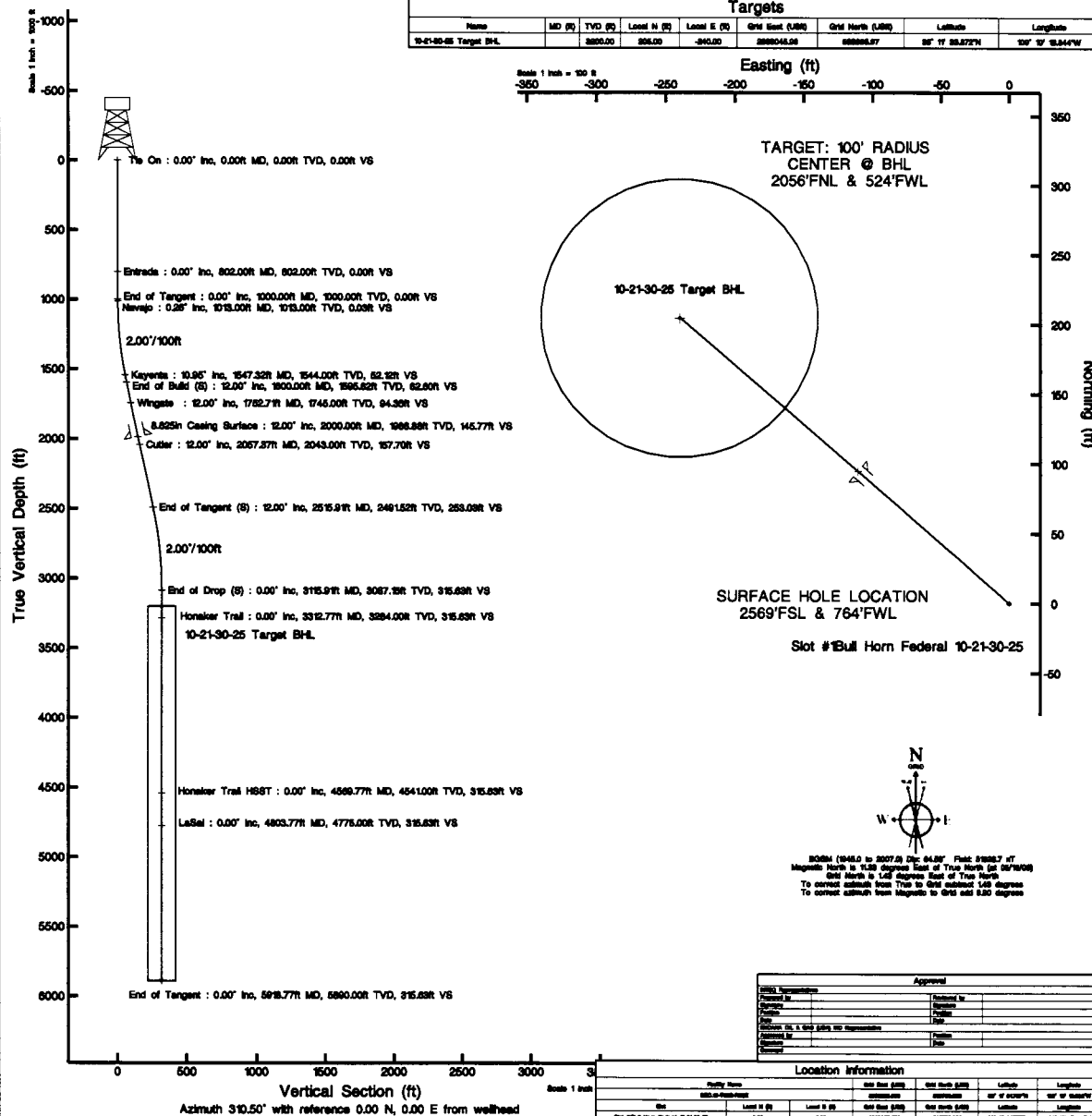
INTEO

Well Profile Data

Design Comment	MD (ft)	Ins (°)	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)	DLS (°/100ft)	VS (ft)
The On	0.00	0.000	310.503	0.00	0.00	0.00	0.00	0.00
End of Tangent	1000.00	0.000	310.503	1000.00	0.00	0.00	0.00	0.00
End of Build (S)	1500.00	12.000	310.503	1595.82	40.86	-47.80	2.00	82.80
End of Tangent (S)	2515.91	12.000	310.503	2419.152	184.34	-192.40	0.00	253.08
End of Drop (S)	3115.91	0.000	310.503	3087.15	205.00	-240.00	2.00	316.63
End of Tangent	5918.77	0.000	310.503	5890.00	205.00	-240.00	0.00	316.63

Targets

Name	MD (°)	TVD (°)	Local N (°)	Local E (°)	Grid East (U.S.)	Grid North (U.S.)	Latitude	Longitude
10-21-85 Target 34-L		2800.00	205.00	-345.00	288904.08	688888.57	28° 11' 33.872"N	100° 19' 33.444"W



BOBM (1948.0 to 2007.0) Dec: 04.89° Field: 81988.7 nT
Magnetic North is 11.39 degrees East of True North (at 05/10/00)
Grid North is 1.69 degrees East of True North
To correct altitude from True to Grid subtract 1.69 degrees
To correct altitude from Magnetic to Grid add 8.20 degrees

Approval	
Chief Representative	
Signature	Printed Name
Position	Signature
Address	Printed Name
Signature	Date
Signature	Position
Signature	Date

Location information

[illegible]



Planned Wellpath Report

Wellpath: Bull Horn Federal 10-21-30-25 PWP

Page 1 of 4



INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	ENCANA OIL & GAS (USA) INC	Slot	Slot #1Bull Horn Federal 10-21-30-25
Area	UTAH	Well	Bull Horn Federal 10-21-30-25
Field	SAN JUAN COUNTY	Wellbore	Bull Horn Federal 10-21-30-25 PWB
Facility	SEC.10-T30S-R25E		

REPORT SETUP INFORMATION

Projection System	NAD27 / Lambert Utah State Planes, Southern Zone (4303), US feet	Software System	WellArchitect™ 1.1
North Reference	Grid	User	Boltcasm
Scale	0.999977	Report Generated	05/16/06 at 15:32:15
Wellbore last revised	04/17/06	Database/Source file	WA_Denver/Bull_Horn_Fed

WELLPATH LOCATION

	Local coordinates		Grid coordinates		Geographic coordinates	
	North [feet]	East [feet]	Easting [US feet]	Northing [US feet]	Latitude [°]	Longitude [°]
Slot Location	0.00	0.00	2669285.95	563793.98	38 11 31.787N	109 10 15.902W
Facility Reference Pt			2669285.95	563793.98	38 11 31.787N	109 10 15.902W
Field Reference Pt			0.00	0.00	36 28 00.166N	118 18 20.683W

WELLPATH DATUM

Calculation method	Minimum curvature	Rig on Slot #1Bull Horn Federal 10-21-30-25 (RT) to Facility Vertical Datum	6824.60 feet
Horizontal Reference Pt	Slot	Rig on Slot #1Bull Horn Federal 10-21-30-25 (RT) to Mean Sea Level	6824.60 feet
Vertical Reference Pt	Rig on Slot #1Bull Horn Federal 10-21-30-25 (RT)	Facility Vertical Datum to Mud Line	0.00 feet
MD Reference Pt	Rig on Slot #1Bull Horn Federal 10-21-30-25 (RT)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	310.50°



Planned Wellpath Report

Wellpath: Bull Horn Federal 10-21-30-25 PWP

Page 2 of 4



INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	ENCANA OIL & GAS (USA) INC	Slot	Slot #1Bull Horn Federal 10-21-30-25
Area	UTAH	Well	Bull Horn Federal 10-21-30-25
Field	SAN JUAN COUNTY	Wellbore	Bull Horn Federal 10-21-30-25 PWB
Facility	SEC.10-T30S-R25E		

WELLPATH DATA (63 stations) † = interpolated/extrapolated station

MD [feet]	Inclination [°]	Azimuth [°]	TVD [feet]	Vert Sect [feet]	North [feet]	East [feet]	DLS [°/100ft]
0.00	0.000	310.503	0.00	0.00	0.00	0.00	0.00
100.00†	0.000	0.000	100.00	0.00	0.00	0.00	0.00
200.00†	0.000	0.000	200.00	0.00	0.00	0.00	0.00
300.00†	0.000	0.000	300.00	0.00	0.00	0.00	0.00
400.00†	0.000	0.000	400.00	0.00	0.00	0.00	0.00
500.00†	0.000	0.000	500.00	0.00	0.00	0.00	0.00
600.00†	0.000	0.000	600.00	0.00	0.00	0.00	0.00
700.00†	0.000	0.000	700.00	0.00	0.00	0.00	0.00
800.00†	0.000	0.000	800.00	0.00	0.00	0.00	0.00
900.00†	0.000	0.000	900.00	0.00	0.00	0.00	0.00
1000.00	0.000	310.503	1000.00	0.00	0.00	0.00	0.00
1100.00†	2.000	310.503	1099.98	1.75	1.13	-1.33	2.00
1200.00†	4.000	310.503	1199.84	6.98	4.53	-5.31	2.00
1300.00†	6.000	310.503	1299.45	15.69	10.19	-11.93	2.00
1400.00†	8.000	310.503	1398.70	27.88	18.11	-21.20	2.00
1500.00†	10.000	310.503	1497.47	43.52	28.27	-33.09	2.00
1600.00	12.000	310.503	1595.62	62.60	40.66	-47.60	2.00
1700.00†	12.000	310.503	1693.44	83.39	54.16	-63.41	0.00
1800.00†	12.000	310.503	1791.25	104.18	67.67	-79.22	0.00
1900.00†	12.000	310.503	1889.07	124.98	81.17	-95.03	0.00
2000.00†	12.000	310.503	1986.88	145.77	94.67	-110.84	0.00
2100.00†	12.000	310.503	2084.70	166.56	108.18	-126.65	0.00
2200.00†	12.000	310.503	2182.51	187.35	121.68	-142.46	0.00
2300.00†	12.000	310.503	2280.33	208.14	135.18	-158.26	0.00
2400.00†	12.000	310.503	2378.14	228.93	148.69	-174.07	0.00
2500.00†	12.000	310.503	2475.96	249.72	162.19	-189.88	0.00
2515.91	12.000	310.503	2491.52	253.03	164.34	-192.40	0.00
2600.00†	10.318	310.503	2574.02	269.30	174.91	-204.77	2.00
2700.00†	8.318	310.503	2672.69	285.50	185.43	-217.08	2.00
2800.00†	6.318	310.503	2771.87	298.23	193.70	-226.77	2.00
2900.00†	4.318	310.503	2871.44	307.50	199.72	-233.82	2.00
3000.00†	2.318	310.503	2971.26	313.29	203.48	-238.22	2.00
3100.00†	0.318	310.503	3071.23	315.59	204.97	-239.97	2.00
3115.91	0.000	310.503	3087.15 ¹	315.63	205.00	-240.00	2.00
3200.00†	0.000	0.000	3171.23	315.63	205.00	-240.00	0.00
3300.00†	0.000	0.000	3271.23	315.63	205.00	-240.00	0.00
3400.00†	0.000	0.000	3371.23	315.63	205.00	-240.00	0.00
3500.00†	0.000	0.000	3471.23	315.63	205.00	-240.00	0.00
3600.00†	0.000	0.000	3571.23	315.63	205.00	-240.00	0.00
3700.00†	0.000	0.000	3671.23	315.63	205.00	-240.00	0.00



Planned Wellpath Report

Wellpath: Bull Horn Federal 10-21-30-25 PWP

Page 3 of 4



INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	ENCANA OIL & GAS (USA) INC	Slot	Slot #1Bull Horn Federal 10-21-30-25
Area	UTAH	Well	Bull Horn Federal 10-21-30-25
Field	SAN JUAN COUNTY	Wellbore	Bull Horn Federal 10-21-30-25 PWB
Facility	SEC.10-T30S-R25E		

WELLPATH DATA (63 stations) † = interpolated/extrapolated station

MD [feet]	Inclination [°]	Azimuth [°]	TVD [feet]	Vert Sect [feet]	North [feet]	East [feet]	DLS [°/100ft]
3800.00†	0.000	0.000	3771.23	315.63	205.00	-240.00	0.00
3900.00†	0.000	0.000	3871.23	315.63	205.00	-240.00	0.00
4000.00†	0.000	0.000	3971.23	315.63	205.00	-240.00	0.00
4100.00†	0.000	0.000	4071.23	315.63	205.00	-240.00	0.00
4200.00†	0.000	0.000	4171.23	315.63	205.00	-240.00	0.00
4300.00†	0.000	0.000	4271.23	315.63	205.00	-240.00	0.00
4400.00†	0.000	0.000	4371.23	315.63	205.00	-240.00	0.00
4500.00†	0.000	0.000	4471.23	315.63	205.00	-240.00	0.00
4600.00†	0.000	0.000	4571.23	315.63	205.00	-240.00	0.00
4700.00†	0.000	0.000	4671.23	315.63	205.00	-240.00	0.00
4800.00†	0.000	0.000	4771.23	315.63	205.00	-240.00	0.00
4900.00†	0.000	0.000	4871.23	315.63	205.00	-240.00	0.00
5000.00†	0.000	0.000	4971.23	315.63	205.00	-240.00	0.00
5100.00†	0.000	0.000	5071.23	315.63	205.00	-240.00	0.00
5200.00†	0.000	0.000	5171.23	315.63	205.00	-240.00	0.00
5300.00†	0.000	0.000	5271.23	315.63	205.00	-240.00	0.00
5400.00†	0.000	0.000	5371.23	315.63	205.00	-240.00	0.00
5500.00†	0.000	0.000	5471.23	315.63	205.00	-240.00	0.00
5600.00†	0.000	0.000	5571.23	315.63	205.00	-240.00	0.00
5700.00†	0.000	0.000	5671.23	315.63	205.00	-240.00	0.00
5800.00†	0.000	0.000	5771.23	315.63	205.00	-240.00	0.00
5900.00†	0.000	0.000	5871.23	315.63	205.00	-240.00	0.00
5918.77	0.000	310.503	5890.00	315.63	205.00	-240.00	0.00

HOLE & CASING SECTIONS

Ref Wellbore: Bull Horn Federal 10-21-30-25 PWB Ref Wellpath: Bull Horn Federal 10-21-30-25 PWP

String/Diameter	Start MD [feet]	End MD [feet]	Interval [feet]	Start TVD [feet]	End TVD [feet]	Start N/S [feet]	Start E/W [feet]	End N/S [feet]	End E/W [feet]
12.25in Open Hole	0.00	2000.00	2000.00	0.00	1986.88	0.00	0.00	94.67	-110.84
8.625in Casing Surface	0.00	2000.00	2000.00	0.00	1986.88	0.00	0.00	94.67	-110.84
7.875in Open Hole	2000.00	5918.77	3918.77	1986.88	5890.00	94.67	-110.84	205.00	-240.00



Planned Wellpath Report

Wellpath: Bull Horn Federal 10-21-30-25 PWP

Page 4 of 4



INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	ENCANA OIL & GAS (USA) INC	Slot	Slot #1 Bull Horn Federal 10-21-30-25
Area	UTAH	Well	Bull Horn Federal 10-21-30-25
Field	SAN JUAN COUNTY	Wellbore	Bull Horn Federal 10-21-30-25 PWB
Facility	SEC.10-T30S-R25E		

TARGETS

Name	MD [feet]	TVD [feet]	North [feet]	East [feet]	Grid East [us survey feet]	Grid North [us survey feet]	Latitude [°]	Longitude [°]	Shape
1) 10-21-30-25 Target BHL		3200.00	205.00	-240.00	2669045.96	563998.97	38 11 33.872N	109 10 18.844W	circle

SURVEY PROGRAM

Ref Wellbore: Bull Horn Federal 10-21-30-25 PWB Ref Wellpath: Bull Horn Federal 10-21-30-25 PWP

Start MD [feet]	End MD [feet]	Tool Type	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	2000.00	MTC (Collar, pre-2000)	MTC (Collar, pre-2000) (Standard)		Bull Horn Federal 10-21-30-25 PWB
2000.00	5918.77	MTC (Collar, pre-2000)	MTC (Collar, pre-2000) (Standard)		Bull Horn Federal 10-21-30-25 PWB

WELLPATH COMMENTS

MD [feet]	Inclination [degrees]	Azimuth [degrees]	TVD [feet]	Comment
802.00	0.000	310.503	802.00	Entrada
1013.00	0.260	310.503	1013.00	Navajo
1547.32	10.946	310.503	1544.00	Kayenta
1752.71	12.000	310.503	1745.00	Wingate
2057.37	12.000	310.503	2043.00	Cutler
3312.77	0.000	310.503	3284.00	Honaker Trail
4569.77	0.000	310.503	4541.00	Honaker Trail HSST
4803.77	0.000	310.503	4775.00	LaSal



EnCana Oil & Gas (USA) Inc.

370 17th Street
Suite 1700
Denver, CO 80202

tel: (303) 623-2300
fax: (303) 623-2400
www.encana.com

April 26, 2006

Mr. Daniel Rowe
Cabot Oil and Gas Corporation
600 17th Street, Suite 900 North
Denver, Colorado 80202

Re: Amended Directional Drilling Consent
Bull Horn Unit 10-21 Well
NWSW Section 10-T30S-R25E (SHL)
SWNW Section 10-T30S-R25E (BHL)
San Juan County, Utah

Gentlemen:

As you are aware, EnCana Oil & Gas (USA) Inc., has proposed drilling of the Bull Horn Unit 10-21 well in Section 10, Township 30 South, Range 25 East, San Juan County, Utah. Due to topographical concerns, the location for this well will require a directional drilling consent pursuant to the requirements of the Utah Oil and Gas Conservation Rules R649-3-11.

We propose the surface location at 2569' FSL and 764' FWL, and revise the bottom hole location to 2506' FNL and 524' FWL, in Section 10, Township 30 South, Range: 25 East, San Juan County, Utah.

In accordance with the above referenced rules, please indicate your consent to the location exception of the Bull Horn Unit 10-21 well by signing in the space provided below and returning one signed original to the undersigned at your earliest convenience.

Thank you for your help in this matter.

Sincerely,
EnCana Oil & Gas (USA) Inc.

Nhatran H. Tran
Land Negotiator

Exception Location for the Bull Horn Unit 10-21 well is hereby approved this 18th day of May, 2006.

By:
Title: Landowner, Cabot Oil and Gas Corporation

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

ROUTING

1. DJJ
 2. CDW

X Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective: **8/22/2006**

FROM: (Old Operator): N2175-EnCana Oil & Gas (USA) Inc. 370 17th St, Suite 1700 Denver, CO 80202 Phone: 1 (720) 876-5156	TO: (New Operator): N6345-Cabot Oil & Gas Corporation 600 17th St, Suite 900 N Denver, CO 80202 Phone: 1 (303) 226-9400
---	---

CA No.				Unit:		BULL HORN		
WELL NAME	SEC TWN RNG			API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
BULL HORN FED 10-21-30-25	10	300S	250E	4303731849		Federal	GW	APD

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 8/28/2006
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: _____
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: ok
- Is the new operator registered in the State of Utah: YES Business Number: _____
- If **NO**, the operator was contacted on: _____
- (R649-9-2) Waste Management Plan has been received on: IN PLACE
- Inspections of LA PA state/fee well sites complete on: n/a
- Reports current for Production/Disposition & Sundries on: ok
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM applied for BIA
- Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a
- Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
- Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: n/a

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 8/30/2006
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 8/30/2006
- Bond information entered in RBDMS on: n/a
- Fee/State wells attached to bond in RBDMS on: n/a
- Injection Projects to new operator in RBDMS on: n/a
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: 5809579
- Indian well(s) covered by Bond Number: n/a
- (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number n/a
- The **FORMER** operator has requested a release of liability from their bond on: n/a
The Division sent response by letter on: _____

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS: Well to be returned for completion or after completion to Encana - unit operator

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 5

DESIGNATION OF AGENT OR OPERATOR

The undersigned is, on record, the holder of oil and gas lease

LEASE NAME: (USDI) Bureau of Land Management

LEASE NUMBER: UTU-73190

and hereby designates

NAME: Cabot Oil & Gas Corporation *N6345*

ADDRESS: 600 17th Street, Suite 900 North

city Denver state CO zip 80202

as his (check one) agent ☒ / operator ☐, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the Division Director or Authorized Agent may serve written or oral instructions in securing compliance with the Oil and Gas Conservation General Rules and Procedural Rules of the Board of Oil, Gas and Mining of the State of Utah with respect to:

(Describe acreage to which this designation is applicable. Identify each oil and gas well by API number and name. Attach additional pages as needed.)

Township 30 South, Range 25 East, S.L.M.
Section 10: NW/4SW/4
Bull Horn Fed 10-21-30-25
API # 43-037-31849-00-00
Limited to the drilling of the well

It is understood that this designation of agent/operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Oil and Gas Conservation General Rules and Procedural Rules of the Board of Oil, Gas and Mining of the State of Utah. It is also understood that this designation of agent or operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated agent/operator, the lessee will make full and prompt compliance with all rules, lease terms or orders of the Board of Oil, Gas and Mining of the State of Utah or its authorized representative.

The lessee agrees to promptly notify the Division Director or Authorized Agent of any change in this designation.

Effective Date of Designation: 08/22/2006

BY: (Name) *ink* Byron R. Gale
(Signature) *Byron R. Gale*
(Title) Attorney-in-Fact
(Phone) (720) 876-3626

OF: (Company) EnCana Oil & Gas (USA) Inc. *N2175*
(Address) 370 17th Street, Suite 1700
city Denver
state CO zip 80202

APPROVED *8/30/06*
Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

(5/2000)

AUG 28 2006

DIV. OF OIL, GAS & MINING

43-037-31849
Sec 10 T30S R25E

BLM - UT - 950

DESIGNATION OF AGENT 2006 AUG 28 PM 2:10

The undersigned is, on the records of the Bureau of Land Management, Unit Operator under the Bull Horn Unit Agreement, San Juan County, Utah, No. UTU81301X, approved and effective on August 31, 2004

And hereby designates:

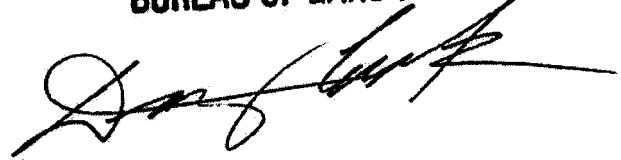
APPROVED - EFFECTIVE SEP 06 2006

Name: Cabot Oil & Gas Corporation

Address: 600 17th Street, Suite 900 North

Denver, CO 80202

**CHIEF, BRANCH OF FLUID MINERALS
BUREAU OF LAND MANAGEMENT**



as its agent, with full authority to act on its behalf in complying with the terms of the unit agreement and regulations applicable thereto and on whom the Authorized Officer or his representative may serve written or oral instructions in securing compliance with the Oil and Gas Operating Regulations with respect to drilling Unit Well No. 10-21-30-25, in the NW/4SW/4, Section 10, Township 30 South, Range 25 East, San Juan County, Utah. Bond coverage will be provided under Utah Statewide Bond No. RLB0008662.

It is understood that this Designation of Agent does not relieve the Unit Operator of responsibility for compliance with the terms of the unit agreement and the Oil and Gas Operating Regulations. It is also understood that this Designation of Agent does not constitute an assignment of any interest under the unit agreement or any lease committed thereto.

In case of default on the part of the designated agent, the Unit Operator will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his duly authorized representative.

The Unit Operator agrees to promptly notify the Authorized Officer of any change in the designated agent.

This Designation of Agent is deemed to be temporary and in no manner a permanent arrangement. A designated agent may not designate another party as agent.

This designation is given only to enable the agent herein designated to drill the above specified well. It is understood that this Designation of Agent is limited to the field operations performed while drilling the specified well and does not include

RECEIVED

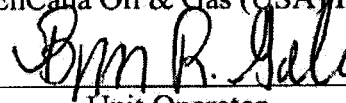
SEP 14 2006

DIV. OF OIL, GAS & MINING

administrative actions requiring specific authorization of the Unit Operator. This designation in no way will serve as authorization for the agent to conduct field operations for the specified well after it has been completed for production. Unless sooner terminated, this designation shall terminate when there is filed in the appropriate office of the Bureau of Land Management all reports and a Well Completion Report and Log (Form 3160-4) as required by the approved Application for Permit to Drill for the specified well.

The undersigned shall operate the above specified well regardless of whether said well is completed either as a paying unit well or as a non-paying unit well.

EnCana Oil & Gas (USA) Inc.


Unit Operator

Date

Date

Authorized Officer



Cabot Oil & Gas Corporation

September 7, 2006

RECEIVED
SEP 11 2006
DIV. OF OIL, GAS & MINING

Utah BLM
Division of Oil, Gas & Mining
P.O. Box 145801
Salt Lake City, Utah 84114-5801

Re: Bull Horn Fed 10-21-30-25
API # 4303731849
NW/4SW/4 Sec. 10-T30S-R25E
Transfer approved Application for Permit to Drill to temporary operator

To Whom It May Concern:

Enclosed is the captioned form for your further handling. If you have any questions or comments, please do not hesitate to call me at 303-226-9418.

Very truly yours,

CABOT OIL & GAS CORPORATION



Daniel R. Rowe
Landman

/kbf

enclosure

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Request to Transfer Application or Permit to Drill

(This form should accompany a Sundry Notice, Form 9, requesting APD transfer)

Well name:	Bull Horn Fed 10-21-30-25
API number:	4303731849
Location:	Qtr-Qtr: NWSW Section: 10 Township: 30S Range: 25E
Company that filed original application:	EnCana Oil & Gas (USA) Inc.
Date original permit was issued:	04/27/2006
Company that permit was issued to:	EnCana Oil & Gas (USA) Inc.

Check one	Desired Action:
<input type="checkbox"/>	Transfer pending (unapproved) Application for Permit to Drill to new operator
<input type="checkbox"/>	The undersigned as owner with legal rights to drill on the property, hereby verifies that the information as submitted in the pending Application for Permit to Drill, remains valid and does not require revision. The new owner of the application accepts and agrees to the information and procedures as stated in the application.
<input checked="" type="checkbox"/>	Transfer approved Application for Permit to Drill to ^{temporary} new operator
<input type="checkbox"/>	The undersigned as owner with legal rights to drill on the property as permitted, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.	Yes	No
If located on private land, has the ownership changed?	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> If so, has the surface agreement been updated?	<input type="checkbox"/>	<input type="checkbox"/>
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Have there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Have there been any changes to the access route including ownership or right-of-way, which could affect the proposed location?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Has the approved source of water for drilling changed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Is bonding still in place, which covers this proposed well? Bond No. <u>RLB0004733</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Any desired or necessary changes to either a pending or approved Application for Permit to Drill that is being transferred, should be filed on a Sundry Notice, Form 9, or amended Application for Permit to Drill, Form 3, as appropriate, with necessary supporting information as required.

Name (please print) Phillip L Stalnaker Title Regional Manager
Signature Phillip L Stalnaker Date 8/30/06
Representing (company name) EnCana Oil & Gas Corporation

The person signing this form must have legal authority to represent the company or individual(s) to be listed as the ^{temporary} new operator on the Application for Permit to Drill.

RECEIVED

(3/2004)

SEP 11 2006

DIV. OF OIL, GAS & MINING

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: CABOT OIL & GAS CORP

Well Name: BULL HORN FED 10-21-30-25

Api No: 43-037-31849 Lease Type: FEDERAL

Section 10 Township 30S Range 25E County SAN JUAN

Drilling Contractor UNITED DRILLING RIG # 5

SPUDDED:

Date 09/23//06

Time 12:30 PM

How DRY

Drilling will Commence: _____

Reported by DAVE MOORE

Telephone # (863) 833-1006

Date 09/25/06 Signed CHD

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

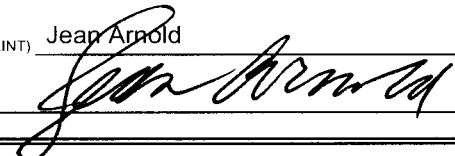
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER "TIGHT HOLE WELL"	5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-73190
2. NAME OF OPERATOR: Cabot Oil & Gas Corp.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: -----
3. ADDRESS OF OPERATOR: 600 17th St., Ste. 900N Denver CO 80202	7. UNIT or CA AGREEMENT NAME: UTU-81301X
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2569' FSNL & 764' FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: 10 30S 25E	8. WELL NAME and NUMBER: Bullhorn 10-21-30-25
	9. API NUMBER: 4303731849
	10. FIELD AND POOL, OR WILDCAT: Big Indian (South Field)
	COUNTY: San Juan
	STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____ <input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/RESUME) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: BOP Variance

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Cabot Oil & Gas Corporation plans to spud the Bullhorn 10-21-30-25 on or about 9-23-06 with United Rig #5. Cabot requests a variance on the placement of the remote control for the BOP accumulator system on the well. Due to the small rig floor on the United Rig #5, it will be necessary to place the remote control for the accumulator ~30' away from the rig floor in an easily accessible area.

10/13/06
AM

NAME (PLEASE PRINT) Jean Arnold	TITLE Prod. Tech.
SIGNATURE 	DATE 9/21/2006

(This space for State use only)

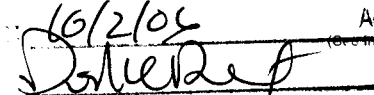
Accepted by the
Utah Division of
Oil, Gas and Mining

Federal Approval Of This

Action is Necessary

(See Instructions on Reverse Side)

(5/2000)

10/2/06


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SEP 26 2006

DIV. OF OIL, GAS & MINING

ORIGINAL

FORM 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-73190
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: -----
		7. UNIT or CA AGREEMENT NAME: UTU-81301X
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		8. WELL NAME and NUMBER: Bullhorn 10-21-30-25
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <u>"TIGHT HOLE WELL"</u>		9. API NUMBER: 4303731849
2. NAME OF OPERATOR: Cabot Oil & Gas Corp.		10. FIELD AND POOL, OR WILDCAT: Big Indian (South Field)
3. ADDRESS OF OPERATOR: 600 17th St., Ste. 900N CITY <u>Denver</u> STATE <u>CO</u> ZIP <u>80202</u>		PHONE NUMBER: (303) 226-9443
4. LOCATION OF WELL		
FOOTAGES AT SURFACE: 2569' FSNL & 764' FWL		COUNTY: San Juan
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: 10 30S 25E		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____ <input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Cabot Oil & Gas Corporation, as the new operator of the subject well, plans to make the following changes to the drilling program originally proposed by EnCana:

- The surface hole will be drilled to a depth of 2,100' TVD / 2,116' MD, which is 71' below the anticipated Chinle top @ 2,029' TVD.
- The surface hole will be 12 1/4" rather than 11" to allow upgrading the surface casing from 8 5/8" 24 & 32# J-55 ST&C to 9-5/8" 36# J-55 LT&C. This change is necessary to permit the passage of the adjustable bent housing motor that will be used in the directional part of the well.
- The surface casing will be cemented to surface as follows:
Lead slurry: 249 sx Premium Lite Plus, wt. 11.5 ppg, yield 2.84 cf/sk.
Tail slurry: 455 sx Type III, wt. 14.5 ppg, yield 1.42 cf/sk.
- The production casing will be cemented from TD to 1,500' (616' up inside the surface casing) with 363 sx Premium Lite High Strength, weight 13.5 ppg, yield 1.76 cf/sk
- The mud system will be as follows: Surface to 2,116' MD: Fresh water with gel and LCM sweeps, weight 8.4-8.6 ppg
2,116' to TD: Flo-Pro NT polymer based mud system, weight 9.0-9.2 ppg.
- The TD of the well will be shortened to 3,350' TVD / 3,379' MD.

NAME (PLEASE PRINT) <u>Jean Arnold</u>	TITLE <u>Prod. Tech.</u>
SIGNATURE <u><i>Jean Arnold</i></u>	DATE <u>8/28/2006</u>

(This space for State use only)

Approved by the
Utah Division of
Oil, Gas and Mining

COPY SENT TO OPERATOR
Date: 10/11/06
Initials: JKR

(5/2000)

Date: 08-27-06 (See Instructions on Reverse Side)

By: *[Signature]*

RECEIVED
AUG 31 2006
DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 6

*Corrected Spud date***ENTITY ACTION FORM**

Operator: Cabot Oil & Gas Corporation Operator Account Number: N 6345
 Address: 600 - 17th Street, Ste. 900N
city Denver
state CO zip 80202 Phone Number: (303) 226-9400

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4303731849	Bull Horn Federal 10-21-30-25		SWNW	10	30S	25E	San Juan
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
<i>A</i>	99999	<i>15542</i>	9/23/2006		<i>9/28/06</i>		
Comments: <i>NNKRT = ARMS = CTHSA</i> <i>Change to 14393 upon completion +</i> <i>operator change to Encana</i>							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

Jean Arnold

Name (Please Print)

Signature

Production Tech.

Title

9/28/2006

Date

(5/2000)

RECEIVED**SEP 28 2006**

DIV. OF OIL, GAS & MINING



www.pason.com
16100 Table Mountain Parkway Ste. 100 • Golden • CO • 80403
720-880-2000 • FAX: 720-880-0016

CONFIDENTIAL

October 4, 2006

Oil & Gas Supervisor
Utah Division of Oil, Gas, & Mining
P.O. Box 145801
Salt Lake City, UT 84114-5801

**RE: CABOT OIL & GAS
BULL HORN FEDERAL 10-21-30-25
SEC. 9, T30S, R25E
SAN JUAN COUNTY, UT**

API # 43-037-31849

Dear Oil & Gas Supervisor:

Enclosed is the final computer colored log for the above referenced well.

We appreciate the opportunity to be of service to you and look forward to working with you again in the near future.

If you have any questions regarding the enclosed data, please contact us.

Sincerely,

Bill Nagel
Geology Manager
Pason Systems USA
BN/alb

Encl: 1 Final Computer Colored Log.

Cc: Terry Jackson, Cabot Oil & Gas, Denver, CO.

RECEIVED

OCT 06 2006

UTAH DIV. OF OIL, GAS & MINING

PASON SYSTEMS USA CORP.

16100 Table Mountain Parkway, Suite 100
Golden, Colorado 80403
Golden (720) 880-2000
Rig Cell (303) 204-8332
Geologist: Daniel Brahosky

CONFIDENTIAL

T305 R25E S10
43-039-31849

DAILY MORNING REPORTDATE 9/24/06, DrillingCOMPANY & WELL Cabot Oil & Gas (USA) INC. BULL HORN FEDERAL 10-21-30-25DEPTH (ft) (Same est.) 617 YESTERDAY'S DEPTH (ft) 40 FT/24 Hr 577FORMATION NOW DRILLING IN Navajo

FORMATION TOPS _____

PROJECTED FORMATION TOPS _____

BGG 7u 24 hr.Lo/ Hi 4u/9u TRIP GAS _____CONNECTION GAS 9u DOWN TIME GAS _____**GAS SHOWS AND DRILLING BREAKS**

DEPTH	DRILL RATE	PEAK	BG GAS	DEPTH	DRILL RATE	PEAK	BG GAS
No Shows							

LITHOLOGY SS: clr-trns wht ofwht, vfgr fgr, sbrd sbang, msrt wsrt, frm slf lse grns mod calic cmt mod-hi por
90% SS 10% SLTST SAMPLE QUALITY: GoodFLOR., CUT, OR STAIN No stainBITS & TRIPS Bit# 1WOB 14 RPM 40 PP 1570 SPM 100 LAG 2.00 MIN. AT 620 FEETMUD AT H2O WT _____ VIS _____ PH _____ WL _____ CHL _____ CK _____

SURVEYS _____

Remarks Drilling ahead**RECEIVED****SEP 25 2006**

DIV. OF OIL, GAS & MINING

Pason Systems USA Corp.
 16100 Table Mountain Parkway, Suite 100
 Golden, Colorado 80403
 Golden (720) 880-2000
 Rig Cell (303) 204-8332
 Geologist: Daniel Brahosky

CONFIDENTIAL

T30S R25E S-10
 43-037-31849

DAILY MORNING REPORTDATE 9/26/06, DrillingCOMPANY & WELL Cabot Oil & Gas (USA) INC. BULL HORN FEDERAL 10-21-30-25DEPTH (ft) (Same est.): 2067 YESTERDAYS DEPTH (ft) 1398 FT/24 Hr 669FORMATION NOW DRILLING IN CHINLEFORMATION TOPS Morrison 519', Entrada 741', Navajo 993', Keyenta 1549', Wingate 1849', Chinle 2036'PROJECTED FORMATION TOPS Cutler 2029', Honaker Trail 3194' TD 3350'BGG 13u 24 hr.Lo/ Hi 4u/16u TRIP GAS _____CONNECTION GAS 18u DOWN TIME GAS _____**GAS SHOWS AND DRILLING BREAKS**

DEPTH	DRILL RATE	PEAK	BG GAS	DEPTH	DRILL RATE	PEAK	BG GAS
No Shows							

LITHOLOGY SS:clr-trns rd, fgr vfgr, rd sbrd, msrt wsrt, frm sld grns, claic grn clsters SH:wht rdbrn rd, plty sbplty, frm slhd, slty rthy i.p. wxy, mod calic cmt

50% SH 30% 30 SS 20% SLTST SAMPLE QUALITY: GoodFLOR., CUT, OR STAIN No stainBITS & TRIPS Bit# 1WOB 24 RPM 40 PP 1729 SPM 80 LAG 11.21 MIN. AT 2067 FEETMUD AT H2O WT _____ VIS _____ PH _____ WL _____ CHL _____ CK _____

SURVEYS _____

Remarks Drilling ahead

RECEIVED

SEP 26 2006

DIV. OF OIL, GAS & MINING

PASON SYSTEMS USA CORP.

16100 Table Mountain Parkway, Suite 100
Golden, Colorado 80403
Golden (720) 880-2000
Rig Cell (303) 204-8332
Geologist: Daniel Brahosky

COPIES
T305 R25E S-10
43-037-31849

DAILY MORNING REPORT

DATE 9/27/06, Drilling

COMPANY & WELL Cabot Oil & Gas (USA) INC. BULL HORN FEDERAL 10-21-30-25

DEPTH (ft) (5am est.) 2116 YESTERDAYS DEPTH (ft) 2067 FT/24 Hr 49

FORMATION NOW DRILLING IN CHINLE

FORMATION TOPS Morrison 519', Entrada 741', Navajo 993', Keyenta 1549', Wingate 1849', Chinle 2036'

PROJECTED FORMATION TOPS Cutler 2029', Honaker Trail 3194' TD 3350'

BGG 13u 24 hr.Lo/ Hi 4u/16u TRIP GAS _____

CONNECTION GAS 18u DOWN TIME GAS _____

GAS SHOWS AND DRILLING BREAKS

DEPTH	DRILL RATE	PEAK	BG GAS	DEPTH	DRILL RATE	PEAK	BG GAS
No Shows							

LITHOLOGY SS:clr-trns rd, fgr vfgr, rd sbrd, msrt wsrt, frm sld grns, claic grn clsters SH:wht rdbm rd, plty sbplty, frm slhd, slty rthy i.p. wxy, mod calic cmt

50% SH 30% 30 SS 20% SLTST SAMPLE QUALITY: Good

FLOR., CUT, OR STAIN No stain

BITS & TRIPS Bit# 1

WOB _____ RPM _____ PP _____ SPM _____ LAG 11.08 MIN. AT 2116 FEET

MUD AT H2O WT _____ VIS _____ PH _____ WL _____ CHL _____ CK _____

SURVEYS _____

Remarks Setting casing

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SEP 27 2006

DIV. OF OIL, GAS & MINING

PASON SYSTEMS USA CORP.

16100 Table Mountain Parkway, Suite 100
Golden, Colorado 80403
Golden (720) 880-2000
Rig Cell (303) 204-8332
Geologist: Daniel Brahosky

CONFIDENTIAL

T305 R25 E 5-10
43-037-31849

DAILY MORNING REPORTDATE 9/29/06, DrillingCOMPANY & WELL Cabot Oil & Gas (USA) INC. BULL HORN FEDERAL 10-21-30-25DEPTH (ft) (Same est.) 3099 YESTERDAYS DEPTH (ft) 2263 FT/24 Hr 836FORMATION NOW DRILLING IN CutlerFORMATION TOPS Morrison 519', Entrada 741', Navajo 993', Keyenta 1549', Wingate 1849', Chinle 2036', trapping fault 2831'PROJECTED FORMATION TOPS Honaker Trail 3194' TD 3350'BGG 21-38u 24 hr.Lo/ Hi 4u/454u TRIP GAS _____CONNECTION GAS 65u DOWN TIME GAS _____**GAS SHOWS AND DRILLING BREAKS**

DEPTH	DRILL RATE	PEAK	BG GAS	DEPTH	DRILL RATE	PEAK	BG GAS
2830-35	0.6,0.8,0.8	454u	14u				

LITHOLOGY SLTST:rd rdbrn, sbplty sbblky, frm sft, slty grty slsters, mod calic cmt, l por NSFOC50% SH 50% SLTST SAMPLE QUALITY: GoodFLOR., CUT, OR STAIN No stainBITS & TRIPS Bit# 2WOB 5 RPM 30 PP 1143 SPM 56 LAG 16.05 MIN. AT 3111 FEETMUD AT 3811 WT 8.3 VIS 44 PH _____ WL _____ CHL _____ CK _____

SURVEYS _____

Remarks Drilling ahead**RECEIVED****SEP 29 2006**

DIV. OF OIL, GAS & MINING

PASON SYSTEMS USA CORP.

16100 Table Mountain Parkway, Suite 100
Golden, Colorado 80403
Golden (720) 880-2000
Rig Cell (303) 204-8332
Geologist: Daniel Brahosky

CONFIDENTIAL

T305 R25E S10
43-037-31849

DAILY MORNING REPORTDATE 10/2/06, DrillingCOMPANY & WELL Cabot Oil & Gas (USA) INC. BULL HORN FEDERAL 10-21-30-25DEPTH (ft) (Same est.) 4528 YESTERDAYS DEPTH (ft) 3940 FT/24 Hr 588FORMATION NOW DRILLING IN Honaker TrailFORMATION TOPS Morrison 519', Entrada 741', Navajo 993', Keyenta 1549', Wingate 1849', Chinle 2036', trapping fault 2831', Honaker Trail 3151' TD 3603'

PROJECTED FORMATION TOPS _____

BGG 70-140u 24 hr.Lo/ Hi 25u/1811u TRIP GAS _____CONNECTION GAS 170-426u DOWN TIME GAS _____**GAS SHOWS AND DRILLING BREAKS**

DEPTH	DRILL RATE	PEAK	BG GAS	DEPTH	DRILL RATE	PEAK	BG GAS
3943-60'	1.0,1.1,.7	388U	123u				
4115-26'	.7,.7,1.2	532u	77u				
4128-57'	1.2,1.3,1.1	1811u	96u				

LITHOLOGY DOLO: DOLO: wht dk gry grn gry, sbplty sbblky, frm sft occ slhd, mod spar calic cmt, calic spar mtz NSFOC65% DOLO 35% LS occ SLTST SAMPLE QUALITY: GoodFLOR., CUT, OR STAIN No stainBITS & TRIPS Bit# 2WOB 2 RPM 30 PP 1385 SPM 54 LAG 45.27 MIN. AT 4528 FEETMUD AT 4055 WT 9.2 VIS 54 PH 8.0 WL 6.0 CHL 24000 CK 1/

SURVEYS _____

Remarks At TD**RECEIVED****OCT 02 2006**

DIV. OF OIL, GAS & MINING

Well History

09-Oct-06

CONFIDENTIAL

T30S R25E S-10
43-037-31849

Region Name: Rocky Mountain

Well Name: **BULL HORN FEDERAL #10-21-30-25**
Operator: **Cabot Oil & Gas Corporation**

AFE Number: **73390** Type: **AF**
Artesia Number: **430043002**

SAN JUAN County, UT
Program Year: 2006
Location: SECTION 10, T30S, R25E
Prospect: PARADOX
Formation: CUTLER & HONAKER TRAIL
AFE DHC/CWC: \$1,062,500 / \$1,652,500
Net AFE \$310,314 / \$482,629
TD: 4528 PBDT:
Permit No:
Drop Date:
COGC WI / NRI: 29.20600% 25.55500%
BPO / APO: 29.20600% 29.20600%

Spud Date: 09/23/2006
Completion Date:
P&A Date:
Lease Number:
Date of First Prod:
Rig/Contractor:
Service Contractor:
Pipeline:
API Number: 4303731849
UWI:
GL / KB Elev: 0 / 0
Rig Release: 10/4/2006

Project Type: 2-DEV DRILLING
09/23/2006 Current Depth: Daily Cost: \$189,977 AFE Cost to Date: \$189,977
Current Status: PREPARE TO SPUD.

MIRU United Rig #5. Replace cathead shaft on drawworks and install new brake blocks. Weld on conductor riser and flow line, ready to drill. Shut down for night and plan to spud Saturday morning.

09/24/2006 Current Depth: 650 Daily Cost: \$68,957 AFE Cost to Date: \$258,934
Current Status: DRILLING SURFACE HOLE.

Finish preparing to spud. MU bit #1 and directional tools, spud well at 1230 hrs, 23 September. Rotate and slide drill from 38' to 650'.

09/25/2006 Current Depth: 1,432 Daily Cost: \$48,530 AFE Cost to Date: \$307,464
Current Status: DIRECTIONAL DRILLING SURFACE HOLE.

Rotate and slide drill from 650' to 1432' (kickoff point at 1000'). Pumping 20 bbls high vis sweeps with LCM periodically to control seepage (lost 300 bbls in 24 hours). Last survey: 1351' MD, 1349' TVD, 8.0 deg, 326 azimuth, 17' N, 36' W.

09/26/2006 Current Depth: 2,093 Daily Cost: \$47,525 AFE Cost to Date: \$354,989
Current Status: DRILLING SURFACE HOLE.

Rotate & slide drill from 1432' to 2093'. Last survey: 1985' MD, 1970' TVD, 12.7 deg, 317 azimuth, N 120', W 114'.

09/27/2006 Current Depth: 2,110 Daily Cost: \$145,229 AFE Cost to Date: \$500,218
Current Status: NU BOPE

Rotate / drill 12-1/4" hole f/ 2093' to 2110', 17' / 1 hr, 17.0 fph to surface csg point. Pump 50 bbl high vis sweep & circulate hole clean. Wipe hole f/ 2110' to 65' & back to bottom, no excess over pull, no tight spots. Hit 2' bridge @ 2085'. Wash out bridge @ 2085', circ to bottom @ 2110', pump 50 bbl high vis sweep & circ hole clean. TOOH & LD (13) 6" DC & BHI 8" MWD & 8" motor. Break off bit #1. RU Weatherford casing crew & pickup machine. Ran 49 jts 9-5/8", 36#, J-55, LT&C casing w/ guide shoe @ 2110' & float collar @ 2064'. Ran 5-centralizers on bottom. Had to wash / circ last 25' down f/ 2085' to 2110'.

Circ hole clean. RD casing crew, RU BJ Services.

Pres test pump & lines to 3500 psi. Pump 30 bbls gel spacer, 10 BW, lead cmt: 249 sx / 707 cf / 126 bbls Premium Lite Plus @ 11.5 ppg followed by tail cmt: 455 sx / 646 cf / 115 bbls Type III Cement @ 14.5 ppg. Drop top rubber plug & displaced w/ 160 BW. Good circulation, 70 bbls cement returns to surface. Bump plug w/ 1300 psi, float held. CIP @ 11:00 PM, 9/26/06.

Monitor cement fall back (3' below surface). Pulled flowline & prepare to land wellhead. RD BJ Services. Cut, weld & installed Cameron 11"-3Mx9-5/8" SOW wellhead. Pres test weld to 1200 psi & let cool off. NU 11"-3M BOPE.

Last survey @ 2049' MD, 2032' TVD: Angle 11.52, azimuth 305.6, 129' north & 124' west of surface location.

MW 8.4, Vis 27

HUGHES Bit #1, 12 1/4", HRS30C, in @ 38', out @ 2110', made 2072' in 65 hrs, ROP 31.9

RECEIVED

OCT 10 2006

DIV. OF OIL, GAS & MIN.

Well History

09-Oct-06

Region Name: Rocky Mountain

Well Name: **BULL HORN FEDERAL #10-21-30-25**
Operator: **Cabot Oil & Gas Corporation**

AFE Number: **73390** Type: **AF**
Artesia Number: **430043002**

Project Type: **2-DEV DRILLING**
09/28/2006 Current Depth: **2,280** Daily Cost: **\$54,514** AFE Cost to Date: **\$554,732**

Current Status: **DIRECTIONAL DRILL 7 7/8" HOLE**

NU 11"x3000 psi BOPS.

RU Single Jack. Set test plug & pressure tested pipe rams, blind rams, all valves & choke manifold to 250 psi low/ 5 min & 3000 psi high/ 10 min, OK. Pressure tested annular to 250 psi low & 1500 psi high/ 10 min, OK. Pressure tested casing to 1500 psi/ 30 min, OK. RD BOP testers.

PU Smith #2 PDC bit, BHI motor, MWD & BHA #2. TIH & tag cement @ 2062'.

Drill cement @ 2062', float collar @ 2064', cement & 9-5/8" csg shoe @ 2110'.

Drill 7-7/8" hole f/ 2110' to 2120' (10' of new hole).

Perform formation integrity test w/ 8.3 ppg water, 154 psi surface pressure, 9.7 ppg EMW.

Change over f/ water to Flo-Pro mud system. Mix mud & build volume in pits.

Drill, rotary & slide, survey 7-7/8" hole f/ 2120' to 2280', 160' / 3.0 hrs, 53.3 fph.

Last survey @ 2196' MD, 2177' TVD: Angle 11.17, azimuth 287.2, 141' north & 149' west of surface location.

MW 8.3, Vis 27

SMITH Bit #2, 7 7/8", M616, in @ 2110', made 170' in 3.5 hrs, ROP 48.6

09/29/2006 Current Depth: **3,129** Daily Cost: **\$82,880** AFE Cost to Date: **\$637,612**

Current Status: **DRILLING**

Rotate, slide & survey 7-7/8" hole f/ 2280' to 2482', 202' / 6.0 hrs, 33.6 fph.

Rotate, slide & survey 7-7/8" hole f/ 2482' to 2653', 171' / 4.5 hrs, 38.0 fph.

Rotate, slide & survey 7-7/8" hole f/ 2653' to 2907', 254' / 7.0 hrs, 36.2 fph.

Rotate f/ 2907' to 2939', 32' / 0.5 hr, 64.0 fph.

Rotate, slide & survey 7-7/8" hole f/ 2939' to 3129', 190' / 5.5 hrs, 34.5 fph.

Last survey @ 3021' MD, 2994' TVD: Angle 1.34, azimuth 327.0, 186' north & 231' west of surface location.

MW 8.8, Vis 46

SMITH Bit #2, 7 7/8", M616, in @ 2110', made 1019' in 27 hrs, ROP 37.7

09/30/2006 Current Depth: **3,603** Daily Cost: **\$48,721** AFE Cost to Date: **\$686,333**

Current Status: **LOGGING**

Rotate, slide & survey 7-7/8" hole f/ 3129' to 3224', 95' / 1.5 hrs / 63.3 fph.

Service rig.

Rotate, slide & survey 7-7/8" hole f/ 3224' to 3383', 159' / 4 hrs / 39.75 fph.

Rotate, slide & survey 7-7/8" hole f/ 3383' to 3603', TD. 220' / 5.5 hrs / 40 fph.

Circulate hole clean.

Wipe hole f/ 3603' to 2110', no overpull, no fill on bottom.

Pump HV sweep, & circulate hole clean.

Trip out of hole, no tight spots. L/D Baker MWD & motor, & PDC Bit #2.

L/D Baker MWD, motor & PDC Bit #2.

Wait on Schlumberger to show up on location (late).

R/U Schlumberger, check out tools.

Run in hole w/ PEX / HRLA / DSI (log f/ surface down). Loggers TD @ 3603'.

Summary: Rotate & slide drill from 3129' to 3603' (TD). Made wiper trip to surface casing, no pulls, no fill on bottom.

Pump HV sweep & circ hole clean. TOH, LD directional tools & PDC bit. RU Schlumberger to log. RIH with PEX/

HRLA/DSI, log from surface casing down, loggers TD 3603'.

10/01/2006 Current Depth: **3,950** Daily Cost: **\$68,876** AFE Cost to Date: **\$755,209**

Current Status: **DIRECTIONAL DRILLING**

Run PEX/HRLA/DSI log from 3603' to surface casing at 2110'. POOH & RD Schlumberger. Start TIH to cond for casing.

Received orders to drill ahead to 4500'. TOH & MU directional BHA. TIH to 3603', no fill, no tight spots. Directional drill from 3603' to 3950', building angle to the SW in attempt to gain structure.

10/02/2006 Current Depth: **4,528** Daily Cost: **\$47,540** AFE Cost to Date: **\$802,749**

Current Status: **CIRC & PREPARE TO MAKE WIPER TRIP**

Rotate and slide from 3950' to 4528', building angle to the SW in attempt to gain structure.

Well History

09-Oct-06

Region Name: Rocky Mountain

Well Name: **BULL HORN FEDERAL #10-21-30-25**
Operator **Cabot Oil & Gas Corporation**

AFE Number: **73390** Type: **AF**
Artesia Number: **430043002**

Project Type: **2-DEV DRILLING**

10/03/2006 Current Depth: **4,528** Daily Cost: **\$60,444** AFE Cost to Date: **\$863,193**

Current Status: **TIH - CORRECTED REPORT**

CORRECTED REPORT:

Circ bottoms up, circ hole clean.

Wipe hole f/ 4528' to 2110', no excess over pull, no fill on bottom.

Circ bottoms up, circ hole clean.

TOOH, LD Baker directional tools.

RU Schlumberger. Check out tool string.

Log w/ Schlumberger. Run #1: Platform Expres / PEX / AIT / GR f/ 4528' to 2110' w/ GR to surface.

Run #2: BHC / HRLA f/ 4528' to 2110'. POOH. RD Schlumberger.

No tight spots, no overpull on logging tools, both tool runs.

PU bottom hole DC & make up bit #2 RR & TIH.

MW 9.2, Vis 53, WL 5.6

10/04/2006 Current Depth: **4,528** Daily Cost: **\$140,493** AFE Cost to Date: **\$1,003,686**

Current Status: **RD UNITED RIG #5**

TIH to 4528', no tight spots, no fill. Circ hole clean, RU lay down machine. LD all 4" DP. LD all 6" DC & break kelly. RU casing crew. Run 108 jts 4-1/2", 11.6 #, I-80, LT&C casing w/ float shoe @ 4528', float collar @ 4484' & marker joint @ 3113'. Ran 16-centralizers. No tight spots, no fill on bottom. Circ hole clean. RU BJ Services. Pres test pump & lines to 4000 psi. Pump 40 bbls Mud Clean II, 10 BW, 793 cf / 450 sx / 141.5 bbls Premium Lite High Strength Cement. Wash pump & lines, drop top plug & displace w/ 69.5 bbls 6% KCL Claytreat water. Bumped plug w/ 1450 psi, floats held. Full circulation during cmt / displacing. CIP @ 8:50 PM, 10/3/06. Clean cellar, remove flow nipple, choke & kill lines. Lift stack & set 4-1/2"x11"-3000 psi slips. ND BOP & cut off 4-1/2" casing. Wash & clean mud pits. Released rig @ 6:00 AM,

Project Type: **3-COMPLETION**

10/05/2006 Current Depth: **4,528** Daily Cost: **\$0** AFE Cost to Date: **\$1,003,686**

Current Status: **RIGGING DOWN**

Dawn Trucking moved United Drilling Rig #5. Rig 90% off location & 60% rigged up on EnCana's location.

10/06/2006 Current Depth: **4,528** Daily Cost: **\$0** AFE Cost to Date: **\$1,003,686**

Current Status: **WAITING ON COMPLETION**

Waiting on completion.

10/07/2006 Current Depth: **4,528** Daily Cost: **\$0** AFE Cost to Date: **\$1,003,686**

Current Status: **WAITING ON COMPLETION**

Waiting on completion.

10/08/2006 Current Depth: **4,528** Daily Cost: **\$0** AFE Cost to Date: **\$1,003,686**

Current Status: **WAITING ON COMPLETION**

Waiting on completion.

10/09/2006 Current Depth: **4,528** Daily Cost: **\$0** AFE Cost to Date: **\$1,003,686**

Current Status: **WAITING ON COMPLETION**

Waiting on completion.

ORIGINAL

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-73190
2. NAME OF OPERATOR: Cabot Oil & Gas Corp.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: -----
3. ADDRESS OF OPERATOR: 600 17th St., Ste. 900N CITY Denver STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME: UTU-81301X
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2569' FSL & 764' FWL		8. WELL NAME and NUMBER: Bulhorn Fed. 10-21-30-25
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWNW 10 30S 25E		9. API NUMBER: 4303731849
STATE: UTAH		10. FIELD AND POOL, OR WILDCAT: Big Indian (South Field)

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Spud to TD w/daily activity.
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Cabot Oil & Gas Corporation spud the Bull Horn Federal 10-21-30-25 on 9-23-06 with United Rig #5.
Ran 9-5/8", 36#, J-55, LT&C surface casing set @ 2,110' MD w/704 sx. Circulated cement to surface.
Reached TD of 4,528' MD on 10-2-06.
Ran 4-1/2", 11.6#, I-80, LT&C production casing set at 4,528' MD w/450 sx. Circulated cement to surface.
Daily drilling reports are attached.

NAME (PLEASE PRINT) <u>Jean Arnold</u>	TITLE <u>Prod. Tech.</u>
SIGNATURE <u></u>	DATE <u>10/5/2006</u>

(This space for State use only)

RECEIVED
OCT 10 2006

Well History

05-Oct-06

CONFIDENTIAL

Region Name: Rocky Mountain

Well Name: **BULL HORN FEDERAL #10-21-30-25**

AFE Number: **73390**

Type: **AF**

Operator: **Cabot Oil & Gas Corporation**

Artesia Number: **430043002**

SAN JUAN County, UT

Program Year: 2006

Location: SECTION 10,T30S, R25E

Prospect: PARADOX

Formation: CUTLER & HONAKER TRAIL

AFE DHC/CWC: \$1,062,500 / \$1,652,500

Net AFE DHC/CWC: \$310,314 / \$482,629

TD: 4528 PBDT:

Permit No:

Drop Date:

COGC WI / NRI: 29.20600% 25.55500%

BPO / APO: 29.20600% 29.20600%

Spud Date: 09/23/2006

Completion Date:

P&A Date:

Lease Number:

Date of First Prod:

Rig/Contractor:

Service Contractor:

Pipeline:

API Number: 4303731849

UWI:

GL / KB Elev: 0 / 0

Rig Release: 10/4/2006

Project Type: 2-DEV DRILLING

09/23/2006 Current Depth:

Daily Cost: \$189,977

AFE Cost to Date: \$189,977

Current Status: **PREPARE TO SPUD.**

MIRU United Rig #5. Replace cathead shaft on drawworks and install new brake blocks. Weld on conductor riser and flow line, ready to drill. Shut down for night and plan to spud Saturday morning.

09/24/2006 Current Depth: 650

Daily Cost: \$68,957

AFE Cost to Date: \$258,934

Current Status: **DRILLING SURFACE HOLE.**

Finish preparing to spud. MU bit #1 and directional tools, spud well at 1230 hrs, 23 September. Rotate and slide drill from 38' to 650'.

09/25/2006 Current Depth: 1,432

Daily Cost: \$48,530

AFE Cost to Date: \$307,464

Current Status: **DIRECTIONAL DRILLING SURFACE HOLE.**

Rotate and slide drill from 650' to 1432' (kickoff point at 1000'). Pumping 20 bbls high vis sweeps with LCM periodically to control seepage (lost 300 bbls in 24 hours). Last survey: 1351' MD, 1349' TVD, 8.0 deg, 326 azimuth, 17° N, 36° W.

09/26/2006 Current Depth: 2,093

Daily Cost: \$47,525

AFE Cost to Date: \$354,989

Current Status: **DRILLING SURFACE HOLE.**

Rotate & slide drill from 1432' to 2093'. Last survey: 1985' MD, 1970' TVD, 12.7 deg, 317 azimuth, N 120°, W 114°.

09/27/2006 Current Depth: 2,110

Daily Cost: \$145,229

AFE Cost to Date: \$500,218

Current Status: **NU BOPE**

Rotate / drill 12-1/4" hole f/ 2093' to 2110', 17' / 1 hr, 17.0 fph to surface csg point. Pump 50 bbl high vis sweep & circulate hole clean. Wipe hole f/ 2110' to 65' & back to bottom, no excess over pull, no tight spots. Hit 2' bridge @ 2085'. Wash out bridge @ 2085', circ to bottom @ 2110', pump 50 bbl high vis sweep & circ hole clean. TOOH & LD (13) 6" DC & BHI 8" MWD & 8" motor. Break off bit #1. RU Weatherford casing crew & pickup machine.

Ran 49 jts 9-5/8", 36#, J-55, LT&C casing w/ guide shoe @ 2110' & float collar @ 2064'. Ran 5-centralizers on bottom. Had to wash / circ last 25' down f/ 2085' to 2110'.

Circ hole clean. RD casing crew, RU BJ Services.

Pres test pump & lines to 3500 psi. Pump 30 bbls gel spacer, 10 BW, lead cmt: 249 sx / 707 cf / 126 bbls Premium Lite Plus @ 11.5 ppg followed by tail cmt: 455 sx / 646 cf / 115 bbls Type III Cement @ 14.5 ppg. Drop top rubber plug & displaced w/ 160 BW. Good circulation, 70 bbls cement returns to surface. Bump plug w/ 1300 psi, float held. CIP @ 11:00 PM, 9/26/06.

Monitor cement fall back (3' below surface). Pulled flowline & prepare to land wellhead. RD BJ Services. Cut, weld & installed Cameron 11"-3Mx9-5/8" SOW wellhead. Pres test weld to 1200 psi & let cool off. NU 11"-3M BOPE.

Last survey @ 2049' MD, 2032' TVD: Angle 11.52, azimuth 305.6, 129' north & 124' west of surface location.

MW 8.4, Vis 27

HUGHES Bit #1, 12 1/4", HRS30C, in @ 38', out @ 2110', made 2072' in 65 hrs, ROP 31.9

Well History

05-Oct-06

Region Name: Rocky Mountain

Well Name: **BULL HORN FEDERAL #10-21-30-25**

AFE Number: **73390**

Type: **AF**

Operator: **Cabot Oil & Gas Corporation**

Artesia Number: **430043002**

Project Type: **2-DEV DRILLING**

09/28/2006 Current Depth: 2,280 Daily Cost: \$54,514 AFE Cost to Date: \$554,732

Current Status: **DIRECTIONAL DRILL 7 7/8" HOLE**

NU 11"x3000 psi BOPS.

RU Single Jack. Set test plug & pressure tested pipe rams, blind rams, all valves & choke manifold to 250 psi low/ 5 min & 3000 psi high/ 10 min, OK. Pressure tested annular to 250 psi low & 1500 psi high/ 10 min, OK. Pressure tested casing to 1500 psi/ 30 min, OK. RD BOP testers.

PU Smith #2 PDC bit, BHI motor, MWD & BHA #2. TIH & tag cement @ 2062'.

Drill cement @ 2062', float collar @ 2064', cement & 9-5/8" csg shoe @ 2110'.

Drill 7-7/8" hole f/ 2110' to 2120' (10' of new hole).

Perform formation integrity test w/ 8.3 ppg water, 154 psi surface pressure, 9.7 ppg EMW.

Change over f/ water to Flo-Pro mud system. Mix mud & build volume in pits.

Drill, rotary & slide, survey 7-7/8" hole f/ 2120' to 2280', 160' / 3.0 hrs, 53.3 fph.

Last survey @ 2196' MD, 2177' TVD: Angle 11.17, azimuth 287.2, 141' north & 149' west of surface location.

MW 8.3, Vis 27

SMITH Bit #2, 7 7/8", M616, in @ 2110', made 170' in 3.5 hrs, ROP 48.6

09/29/2006 Current Depth: 3,129 Daily Cost: \$82,880 AFE Cost to Date: \$637,612

Current Status: **DRILLING**

Rotate, slide & survey 7-7/8" hole f/ 2280' to 2482', 202' / 6.0 hrs, 33.6 fph.

Rotate, slide & survey 7-7/8" hole f/ 2482' to 2653', 171' / 4.5 hrs, 38.0 fph.

Rotate, slide & survey 7-7/8" hole f/ 2653' to 2907', 254' / 7.0 hrs, 36.2 fph.

Rotate f/ 2907' to 2939', 32' / 0.5 hr, 64.0 fph.

Rotate, slide & survey 7-7/8" hole f/ 2939' to 3129', 190' / 5.5 hrs, 34.5 fph.

Last survey @ 3021' MD, 2994' TVD: Angle 1.34, azimuth 327.0, 186' north & 231' west of surface location.

MW 8.8, Vis 46

SMITH Bit #2, 7 7/8", M616, in @ 2110', made 1019' in 27 hrs, ROP 37.7

09/30/2006 Current Depth: 3,603 Daily Cost: \$48,721 AFE Cost to Date: \$686,333

Current Status: **LOGGING**

Rotate, slide & survey 7-7/8" hole f/ 3129' to 3224', 95' / 1.5 hrs / 63.3 fph.

Service rig.

Rotate, slide & survey 7-7/8" hole f/ 3224' to 3383', 159' / 4 hrs / 39.75 fph.

Rotate, slide & survey 7-7/8" hole f/ 3383' to 3603', TD. 220' / 5.5 hrs / 40 fph.

Circulate hole clean.

Wipe hole f/ 3603' to 2110', no overpull, no fill on bottom.

Pump HV sweep, & circulate hole clean.

Trip out of hole, no tight spots. L/D Baker MWD & motor, & PDC Bit #2.

L/D Baker MWD, motor & PDC Bit #2.

Wait on Schlumberger to show up on location (late).

R/U Schlumberger, check out tools.

Run in hole w/ PEX / HRLA / DSI (log f/ surface down). Loggers TD @ 3603'.

Summary: Rotate & slide drill from 3129' to 3603' (TD). Made wiper trip to surface casing, no pulls, no fill on bottom.

Pump HV sweep & circ hole clean. TOH, LD directional tools & PDC bit. RU Schlumberger to log. RIH with PEX/ HRLA/DSI, log from surface casing down, loggers TD 3603'.

10/01/2006 Current Depth: 3,950 Daily Cost: \$68,876 AFE Cost to Date: \$755,209

Current Status: **DIRECTIONAL DRILLING**

Run PEX/HRLA/DSI log from 3603' to surface casing at 2110'. POOH & RD Schlumberger. Start TIH to cond for casing.

Received orders to drill ahead to 4500'. TOH & MU directional BHA. TIH to 3603', no fill, no tight spots. Directional drill from 3603' to 3950', building angle to the SW in attempt to gain structure.

10/02/2006 Current Depth: 4,528 Daily Cost: \$47,540 AFE Cost to Date: \$802,749

Current Status: **CIRC & PREPARE TO MAKE WIPER TRIP**

Rotate and slide from 3950' to 4528', building angle to the SW in attempt to gain structure.

Well History

05-Oct-06

Region Name: Rocky Mountain

Well Name: **BULL HORN FEDERAL #10-21-30-25**

AFE Number: **73390**

Type: **AF**

Operator: **Cabot Oil & Gas Corporation**

Artesia Number: **430043002**

Project Type: **2-DEV DRILLING**

10/03/2006 Current Depth: 4,528 Daily Cost: \$60,444 AFE Cost to Date: \$863,193

Current Status: **TIH - CORRECTED REPORT**

CORRECTED REPORT:

Circ bottoms up, circ hole clean.

Wipe hole f/ 4528' to 2110', no excess over pull, no fill on bottom.

Circ bottoms up, circ hole clean.

TOOH, LD Baker directional tools.

RU Schlumberger. Check out tool string.

Log w/ Schlumberger. Run #1: Platform Expres / PEX / AIT / GR f/ 4528' to 2110' w/ GR to surface.

Run #2: BHC / HRLA f/ 4528' to 2110'. POOH. RD Schlumberger.

No tight spots, no overpull on logging tools, both tool runs.

PU bottom hole DC & make up bit #2 RR & TIH.

MW 9.2, Vis 53, WL 5.6

10/04/2006 Current Depth: 4,528 Daily Cost: \$140,493 AFE Cost to Date: \$1,003,686

Current Status: **RD UNITED RIG #5**

TIH to 4528', no tight spots, no fill. Circ hole clean, RU lay down machine. LD all 4" DP. LD all 6" DC & break kelly. RU casing crew. Run 108 jts 4-1/2", 11.6 #, I-80, LT&C casing w/ float shoe @ 4528', float collar @ 4484' & marker joint @ 3113'. Ran 16-centralizers. No tight spots, no fill on bottom. Circ hole clean. RU BJ Services. Pres test pump & lines to 4000 psi. Pump 40 bbls Mud Clean II, 10 BW, 793 cf / 450 sx / 141.5 bbls Premium Lite High Strength Cement. Wash pump & lines, drop top plug & displace w/ 69.5 bbls 6% KCL Claytreat water. Bumped plug w/ 1450 psi, floats held. Full circulation during cmt / displacing. CIP @ 8:50 PM, 10/3/06. Clean cellar, remove flow nipple, choke & kill lines. Lift stack & set 4-1/2"x11"-3000 psi slips. ND BOP & cut off 4-1/2" casing. Wash & clean mud pits. Released rig @ 6:00 AM, 10/4/06.

Project Type: **3-COMPLETION**

10/05/2006 Current Depth: 4,528 Daily Cost: \$0 AFE Cost to Date: \$1,003,686

Current Status: **WAITING ON COMPLETION**

Waiting on completion.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL

OIL WELL ☐

GAS WELL ☒

OTHER

2. NAME OF OPERATOR:

Cabot Oil & Gas Corp.

3. ADDRESS OF OPERATOR:

600 17th St., Ste. 900N

CITY Denver

STATE CO

ZIP 80202

PHONE NUMBER:

(303) 226-9443

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 2569' FSL & 764' FWL

COUNTY: San Juan

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWNW 10 30S 25E

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: 	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Spud w/daily activity.
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Cabot Oil & Gas Corporation spud the Bull Horn Federal 10-21-30-25 on 9-23-06 with United Rig #5.

Daily activity reports are attached.

NAME (PLEASE PRINT) Jean Arnold

TITLE Prod. Tech.

SIGNATURE

DATE 9/28/2006

(This space for State use only)

RECEIVED
OCT 2 2006
DIV. OF OIL, GAS & MINING

Well History

CONFIDENTIAL

28-Sep-06

Region Name: Rocky Mountain

Well Name: **BULL HORN UNIT #10-21-30-25**

AFE Number: **73390**

Type: **AF**

Operator: **Cabot Oil & Gas Corporation**

Artesia Number: **430043002**

SAN JUAN County, UT

Spud Date:

~~09/24/2006~~

9.23-06

Program Year: 2006

Completion Date:

Location: SECTION 9, T30S, R25E

Prospect: PARADOX

P&A Date:

Formation: CUTLER & HONAKER TRAIL

Lease Number:

AFE DHC/CWC: \$1,062,500 / \$1,652,500

Date of First Prod:

Net AFE DHC/CWC: \$310,314 / \$482,629

Rig/Contractor:

TD: PBTD:

Service Contractor:

Permit No:

Pipeline:

Drop Date:

API Number:

4303731849

COGC WI / NRI: 29.20600% 25.55500%

UWI:

BPO / APO: 29.20600% 29.20600%

GL / KB Elev:

0 / 0

Rig Release:

Project Type: 2-DEV DRILLING

09/23/2006

Current Depth:

Daily Cost:

\$189,977

AFE Cost to Date:

\$189,977

Current Status: PREPARE TO SPUD.

MIRU United Rig #5. Replace cathead shaft on drawworks and install new brake blocks. Weld on conductor riser and flow line, ready to drill. Shut down for night and plan to spud Saturday morning.

09/24/2006

Current Depth: 650

Daily Cost:

\$68,957

AFE Cost to Date:

\$258,934

Current Status: DRILLING SURFACE HOLE.

Finish preparing to spud. MU bit #1 and directional tools, spud well at 1230 hrs, 23 September. Rotate and slide drill from 38' to 650'.

09/25/2006

Current Depth: 1,432

Daily Cost:

\$48,530

AFE Cost to Date:

\$307,464

Current Status: DIRECTIONAL DRILLING SURFACE HOLE.

Rotate and slide drill from 650' to 1432' (kickoff point at 1000'). Pumping 20 bbls high vis sweeps with LCM periodically to control seepage (lost 300 bbls in 24 hours). Last survey: 1351' MD, 1349' TVD, 8.0 deg, 326 azimuth, 17' N, 36' W.

09/26/2006

Current Depth: 2,093

Daily Cost:

\$47,525

AFE Cost to Date:

\$354,989

Current Status: DRILLING SURFACE HOLE.

Rotate & slide drill from 1432' to 2093'. Last survey: 1985' MD, 1970' TVD, 12.7 deg, 317 azimuth, N 120', W 114'.

09/27/2006

Current Depth: 2,110

Daily Cost:

\$145,229

AFE Cost to Date:

\$500,218

Current Status: NU BOPE

Rotate / drill 12-1/4" hole f/ 2093' to 2110', 17' / 1 hr, 17.0 fph to surface csg point. Pump 50 bbl high vis sweep & circulate hole clean. Wipe hole f/ 2110' to 65' & back to bottom, no excess over pull, no tight spots. Hit 2' bridge @ 2085'. Wash out bridge @ 2085', circ to bottom @ 2110', pump 50 bbl high vis sweep & circ hole clean. TOOH & LD (13) 6" DC & BHI 8" MWD & 8" motor. Break off bit #1. RU Weatherford casing crew & pickup machine.

Ran 49 jts 9-5/8", 36#, J-55, LT&C casing w/ guide shoe @ 2110' & float collar @ 2064'. Ran 5-centralizers on bottom. Had to wash / circ last 25' down f/ 2085' to 2110'.

Circ hole clean. RD casing crew, RU BJ Services.

Pres test pump & lines to 3500 psi. Pump 30 bbls gel spacer, 10 BW, lead cmt: 249 sx / 707 cf / 126 bbls Premium Lite Plus @ 11.5 ppg followed by tail cmt: 455 sx / 646 cf / 115 bbls Type III Cement @ 14.5 ppg. Drop top rubber plug & displaced w/ 160 BW. Good circulation, 70 bbls cement returns to surface. Bump plug w/ 1300 psi, float held. CIP @ 11:00 PM, 9/26/06.

Monitor cement fall back (3' below surface). Pulled flowline & prepare to land wellhead. RD BJ Services. Cut, weld & installed Cameron 11"-3Mx9-5/8" SOW wellhead. Pres test weld to 1200 psi & let cool off. NU 11"-3M BOPE.

Last survey @ 2049' MD, 2032' TVD: Angle 11.52, azimuth 305.6, 129' north & 124' west of surface location.

MW 8.4, Vis 27

HUGHES Bit #1, 12 1/4", HRS30C, in @ 38', out @ 2110', made 2072' in 65 hrs, ROP 31.9

Well History

28-Sep-06

Region Name: Rocky Mountain

Well Name: **BULL HORN UNIT #10-21-30-25**

AFE Number: **73390**

Type: **AF**

Operator: **Cabot Oil & Gas Corporation**

Artesia Number: **430043002**

Project Type: **2-DEV DRILLING**

09/28/2006 Current Depth: **2,280** Daily Cost: **\$54,514** AFE Cost to Date: **\$554,732**

Current Status: **DIRECTIONAL DRILL 7 7/8" HOLE**

NU 11"x3000 psi BOPS.

RU Single Jack. Set test plug & pressure tested pipe rams, blind rams, all valves & choke manifold to 250 psi low/ 5 min & 3000 psi high/ 10 min, OK. Pressure tested annular to 250 psi low & 1500 psi high/ 10 min, OK. Pressure tested casing to 1500 psi/ 30 min, OK. RD BOP testers.

PU Smith #2 PDC bit, BHI motor, MWD & BHA #2. TIH & tag cement @ 2062'.

Drill cement @ 2062', float collar @ 2064', cement & 9-5/8" csg shoe @ 2110'.

Drill 7-7/8" hole f/ 2110' to 2120' (10' of new hole).

Perform formation integrity test w/ 8.3 ppg water, 154 psi surface pressure, 9.7 ppg EMW.

Change over f/ water to Flo-Pro mud system. Mix mud & build volume in pits.

Drill, rotary & slide, survey 7-7/8" hole f/ 2120' to 2280', 160' / 3.0 hrs, 53.3 fph.

Last survey @ 2196' MD, 2177' TVD: Angle 11.17, azimuth 287.2, 141' north & 149' west of surface location.

MW 8.3, Vis 27

SMITH Bit #2, 7 7/8", M616, in @ 2110', made 170' in 3.5 hrs, ROP 48.6

OCT 2 2006

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

CONFIDENTIAL

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:
UTU-73190

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
UTU-81301X

8. WELL NAME and NUMBER:
Bullhorn Fed. 10-21-30-25

9. API NUMBER:
4303731849

10. FIELD AND POOL, OR WILDCAT:
Big Indian (South Field)

1. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER _____

2. NAME OF OPERATOR:
Cabot Oil & Gas Corp.

3. ADDRESS OF OPERATOR:
600 17th St., Ste. 900N CITY Denver STATE CO ZIP 80202 PHONE NUMBER: (303) 226-9443

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 2569' FSL & 764' FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWNW 10 30S 25E

COUNTY: San Juan

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Change TD & BHL.</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The subject well was drilled to a total depth of 3602' MD/3575' TVD and logged on 30 September, 2006. Based on the results of the logs, the decision was made to drill an additional 900' to evaluate deeper objectives that were included in the originally approved TD of the well (5,919' MD / 5,890' TVD) but later eliminated when the well depth was shortened (see sundry notice dated 28 August, 2006).

In addition, the directional plan was modified to build angle along an azimuth of S 45 W in this 900' of additional hole. Accordingly, the final TD and BHL of the well are as follows:

The TD is 4,528' MD / 4,474' TVD. The BHL is at 35' N and 374' W of the surface location.

NAME (PLEASE PRINT) Jean Arnold

TITLE Prod. Tech.

SIGNATURE Jean Arnold

DATE 10/9/2006

(This space for State use only)

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DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 6

ENTITY ACTION FORM

Operator: Cabot Oil & Gas Corporation Operator Account Number: N 6345
Address: 800 17th Street, Ste 900N
city Denver
state CO zip 80202 Phone Number: (303) 226-9400

Well 1

API Number	Well Name	QQ	Sec	Twp	Rng	County
4303731849	Bull Horn Fed 10-21-30-25	SWNW	10	30S	25E	San Juan
Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date		
E	15542	15442	9/23/2006	9/28/2006		
Comments: HNRKT = HRMS = CTHSA Change operator to Encana upon well completion. NOTE: DOGM CORRECTED ENTITY ERROR 2/1/2007						

Well 2

API Number	Well Name	QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date		
Comments:						

Well 3

API Number	Well Name	QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date		
Comments:						

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

Earlene Russell

Name (Please Print)

Signature

Engineering Technician

Title

2/1/2007

Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**CONFIDENTIAL**FORM APPROVED
OMB NO. 1004-0137
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. Type of Well: Oil Well ☐ Gas Well ☒ Dry ☐ Other: _____
1b. Type of Completion: New Well ☒ Workover ☐ Deepen ☐ Plug Back ☐ Diff. Resrv. ☐ Other: _____

2. Name of Operator

EnCana Oil & Gas (USA) Inc.

3. Address

370 17th Street, Suite 1700, Denver, Colorado 80202 720-876-3678

4. Location of Well (Report location clearly and in accordance with Federal requirements) *

At Surface SW NW Sec. 10-T30S-R25E, 2569' FNL & 764' FWL

At top prod. interval reported below

At total depth

2534 FNL 391 FWL

14. Date Spudded

09-24-06

15. Date T.D. Reached

10-02-06

16. Date Completed. (prod)

☐ D&A☒ Ready to Prod.

(Rig Rel Date) 10-04-06

18. Total Depth: MC MD 4528'

TVD 4474

19. Plug Back T.D.:

MD 5524'

TVD

20. Depth Bridge Plug Set: MD

TVD

21. Type Electric & Other Mechanical Logs Run (Submit Copy of each)

SONIC, HALARAY/G-R
CBL, Platform Express

SONIC, MWD LOG

22. Was Well Cored?

No

Yes

(Submit analysis)

Was DST run?

No

Yes

(Submit report)

Directional Survey?

No

Yes

(Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (lb./ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks & Type of Cement	Slurry vol. (BBL)	Cement Top*	Amount Pulled
12.25"	9.625" (J-55)	36#	Surface	2110'		249 sxs Prem Lite Lead, 455 sxs Type III cmt Tail		surface	
7-7/8"	4-1/2" (I-80)	11.6#	Surface	4528'		450 sxs Prem Lite			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-3/8"	2730'							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf Status
A) Cutler	2822'	2827'	2822' - 2827'	.38"	20	open
	2903'	2914'	2903' - 2914'	.38"	44	open
	2944'	2964'	2944' - 2964'	.38"	40	open
	2974'	2993'	2974' - 2993'	.38"	38	open
	3048'	3077'	3048' - 3077'	.38"	58	open
	3093'	3112'	3093' - 3112'	.38"	38	open
	3120'	3145'	3120' - 3145'	.38"	50	open
	3198'	3227'	3198' - 3227'	.38"	58	open
	4117'	4144'	4117' - 4144'	.38"	54	open
B) Honaker Trail						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material

28. Production - Interval A

Date First Prod	Test Date	Hours Tested	Test Production	Oil (BBL)	Gas (MCF)	Water (BBL)	Oil Gravity Corr. API	Gas Gravity	Production Method
10-23-06	10-24-06	24		0	1042	0			Flowing
Choke Size	Thg Press. Flwg / St	Csg Press.	24 Hr. Rate	Oil (BBL)	Gas (MCF)	Water (BBL)	Gas:Oil Ratio	Well Status	
				0	1042	0		Producing	

28a. Production - Interval B

Date First Prod	Test Date	Hours Tested	Test Production	Oil (BBL)	Gas (MCF)	Water (BBL)	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Thg Press. Flwg / St	Csg Press.	24 Hr. Rate	Oil (BBL)	Gas (MCF)	Water (BBL)	Gas:Oil Ratio	Well Status	

(See instructions and spaces for additional data on reverse side)

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28b. Production - Interval C

Date First Prod	Test Date	Hours Tested	Test Production	Oil (BBL)	Gas (MCF)	Water (BBL)	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Thg Press. Flwg / St	Csg Press.	24 Hr. Rate	Oil (BBL)	Gas (MCF)	Water (BBL)	Gas:Oil Ratio	Well Status	

28c. Production - Interval D

Date First Prod	Test Date	Hours Tested	Test Production	Oil (BBL)	Gas (MCF)	Water (BBL)	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Thg Press. Flwg / St	Csg Press.	24 Hr. Rate	Oil (BBL)	Gas (MCF)	Water (BBL)	Gas:Oil Ratio	Well Status	

29. Disposition of Gas (*Sold, used for fuel, vented, etc.*)

SOLD

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
				Cutler Honaker Trail	8266' 3184'

32. Additional remarks (include plugging procedure):

33. Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 full set req'd.) 2. Geologic Report 3. DST Report 4. Directional Survey
5. Sundry Notice for plugging and cement verification 6. Core Analysis 7. Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print)

Sheilla D. Reed-High

Title

Operations Technologist

Signature

Sheilla D. Reed-High

Date

1-5-07

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United

States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

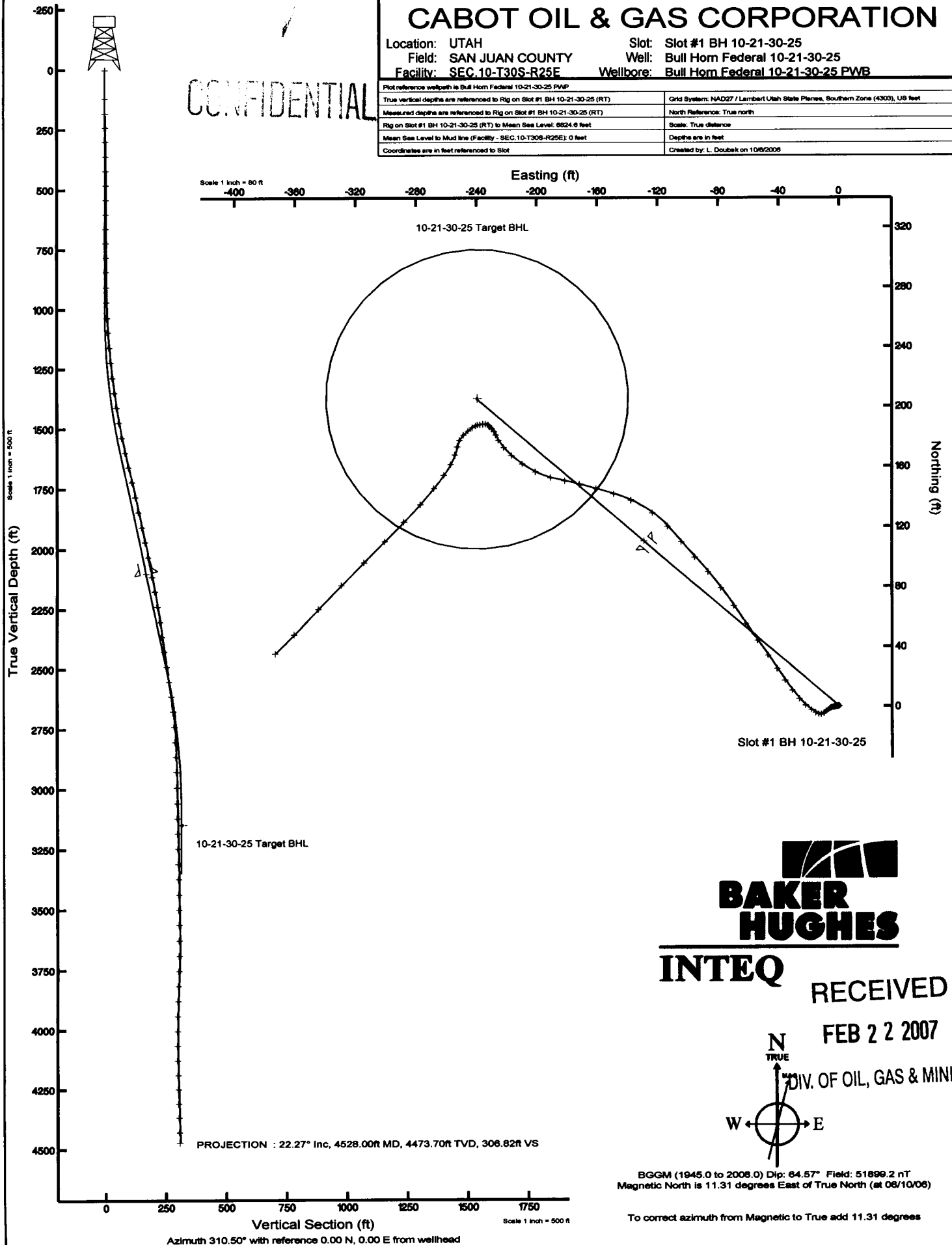
CABOT OIL & GAS CORPORATION

Location: UTAH
Field: SAN JUAN COUNTY
Facility: SEC.10-T30S-R25E

Slot: Slot #1 BH 10-21-30-25
Well: Bull Horn Federal 10-21-30-25
Wellbore: Bull Horn Federal 10-21-30-25 PWB

CONFIDENTIAL

Plot reference wellbore is Bull Horn Federal 10-21-30-25 PWB	
True vertical depths are referenced to Rig on Slot #1 BH 10-21-30-25 (RT)	Grid System: NAD27 / Lambert Utah State Planes, Southern Zone (4303), US feet
Measured depths are referenced to Rig on Slot #1 BH 10-21-30-25 (RT)	North Reference: True north
Rig on Slot #1 BH 10-21-30-25 (RT) to Mean Sea Level: 6624.6 feet	Scale: True distance
Mean Sea Level to Mud line (Facility - SEC.10-T30S-R25E): 0 feet	Depths are in feet
Coordinates are in feet referenced to Slot	Created by: L. Doubek on 10/6/2006

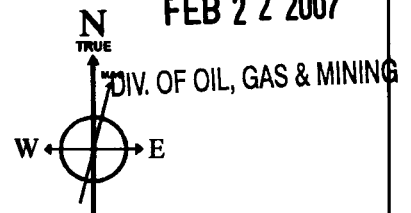


**BAKER
HUGHES**

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BGGM (1945.0 to 2006.0) Dip: 64.57° Field: 51899.2 nT
Magnetic North is 11.31 degrees East of True North (at 08/10/06)

To correct azimuth from Magnetic to True add 11.31 degrees

Actual Wellpath Report

Bull Horn Fed 10-21-30-25

Page 1 of 3

INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	CABOT OIL & GAS CORPORATION	Slot	Slot #1 BH 10-21-30-25
Area	UTAH	Well	Bull Horn Federal 10-21-30-25
Field	SAN JUAN COUNTY	Wellbore	Bull Horn Federal 10-21-30-25 AWB
Facility	SEC.10-T30S-R25E		

REPORT SETUP INFORMATION

Projection System	NAD27 / Lambert Utah State Planes, Southern Zone (4303), US feet	Software System	WellArchitect™ 1.2
North Reference	True	User	L. Doubek
Scale	0.999977	Report Generated	10/06/06 at 14:33:17
Wellbore last revised	10/06/06	Database/Source file	WA_Denver/Bull_Horn_Fed

WELLPATH LOCATION

	Local coordinates		Grid coordinates		Geographic coordinates	
	North [feet]	East [feet]	Easting [US feet]	Northing [US feet]	Latitude [°]	Longitude [°]
Slot Location	0.00	0.00	2669285.95	563793.98	38 11 31.787N	109 10 15.902W
Facility Reference Pt			2669285.95	563793.98	38 11 31.787N	109 10 15.902W
Field Reference Pt			2667805.37	565666.64	38 11 50.658N	109 10 33.859W

WELLPATH DATUM

Calculation method	Minimum curvature	Rig on Slot #1 BH 10-21-30-25 (RT) to Facility Vertical Datum	6824.60 feet
Horizontal Reference Pt	Slot	Rig on Slot #1 BH 10-21-30-25 (RT) to Mean Sea Level	6824.60 feet
Vertical Reference Pt	Rig on Slot #1 BH 10-21-30-25 (RT)	Facility Vertical Datum to Mud Line (Facility)	0.00 feet
MD Reference Pt	Rig on Slot #1 BH 10-21-30-25 (RT)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	275.42°

Actual Wellpath Report

Bull Horn Fed 10-21-30-25

Page 2 of 3

INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	CABOT OIL & GAS CORPORATION	Slot	Slot #1 BH 10-21-30-25
Area	UTAH	Well	Bull Horn Federal 10-21-30-25
Field	SAN JUAN COUNTY	Wellbore	Bull Horn Federal 10-21-30-25 AWB
Facility	SEC.10-T30S-R25E		

WELLPATH DATA (72 stations)

MD [feet]	Inclination [°]	Azimuth [°]	TVD [feet]	Vert Sect [feet]	North [feet]	East [feet]	DLS [°/100ft]	Path Comment
0.00	0.000	0.000	0.00	0.00	0.00	0.00	0.00	
120.00	0.360	253.190	120.00	0.35	-0.11	-0.36	0.30	
181.00	0.540	267.950	181.00	0.81	-0.17	-0.83	0.35	
241.00	0.630	254.940	240.99	1.40	-0.27	-1.43	0.27	
301.00	0.710	254.940	300.99	2.00	-0.34	-1.99	0.22	
361.00	0.800	263.030	360.98	2.81	-0.62	-2.88	0.26	
421.00	0.450	242.640	420.98	3.42	-0.78	-3.51	0.68	
480.00	0.710	264.080	479.98	3.97	-0.92	-4.07	0.57	
541.00	0.800	256.350	540.97	4.74	-1.06	-4.86	0.22	
601.00	0.980	245.800	600.96	5.55	-1.20	-5.65	0.45	
662.00	0.980	245.800	661.96	6.25	-1.98	-6.47	0.45	
721.00	1.340	225.760	720.95	7.14	-2.67	-7.42	0.91	
782.00	1.700	233.150	781.93	8.27	-3.71	-8.66	0.67	
843.00	1.880	234.260	842.90	9.69	-4.84	-10.19	0.30	
903.00	1.880	234.260	902.89	10.30	-5.70	-11.56	0.30	
970.00	1.520	286.230	969.84	12.97	-5.70	-13.56	1.38	
1034.00	2.500	303.810	1033.80	15.03	-4.69	-15.54	1.79	
1097.00	3.870	305.920	1096.71	18.07	-2.68	-18.40	2.18	
1161.00	5.010	312.250	1160.51	22.17	0.47	-22.22	1.94	
1221.00	6.950	322.090	1220.46	26.12	10.44	-31.05	1.48	
1288.00	6.950	322.090	1286.81	31.89	10.44	-31.05	1.48	
1351.00	8.000	325.610	1349.27	37.32	17.06	-35.87	1.82	
1414.00	9.060	326.660	1411.57	43.23	24.83	-41.07	1.70	
1478.00	10.380	325.610	1474.65	50.08	33.79	-47.09	2.08	
1538.00	11.170	294.320	1537.71	57.93	42.67	-55.97	2.66	
1605.00	12.840	325.610	1598.98	66.69	55.08	-61.76	1.52	
1668.00	13.540	325.960	1660.32	75.85	66.97	-69.84	1.12	
1731.00	12.930	323.500	1721.65	85.25	78.74	-78.16	1.32	
1795.00	12.130	319.980	1784.12	94.83	89.65	-86.75	1.73	
1855.00	12.000	317.520	1854.00	99.00	93.00	-90.00	1.66	
1922.00	12.490	319.280	1908.26	114.41	109.70	-104.51	0.96	
1985.00	12.660	317.520	1969.75	124.44	119.96	-113.62	0.67	
2049.00	11.520	305.570	2032.34	135.17	128.85	-123.55	4.29	
2133.00	11.170	294.320	2114.71	150.12	137.08	-137.79	2.66	
2193.00	10.730	285.530	2192.36	163.80	144.85	-160.84	0.86	
2260.00	10.730	285.530	2239.36	173.80	144.85	-160.84	0.86	
2324.00	9.670	285.180	2302.34	184.96	147.85	-171.77	1.66	
2387.00	8.710	281.310	2364.54	194.92	150.17	-181.55	1.81	
2450.00	9.060	284.120	2426.78	204.57	152.32	-191.04	0.88	

FEB 22 2007

DIV. OF OIL, GAS & MINING

Actual Wellpath Report

Bull Horn Fed 10-21-30-25

Page 3 of 3

INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	CABOT OIL & GAS CORPORATION	Slot	Slot #1 BH 10-21-30-25
Area	UTAH	Well	Bull Horn Federal 10-21-30-25
Field	SAN JUAN COUNTY	Wellbore	Bull Horn Federal 10-21-30-25 AWB
Facility	SEC.10-T30S-R25E		

WELLPATH DATA (72 stations) † = interpolated/extrapolated station

MD [feet]	Inclination [°]	Azimuth [°]	TVD [feet]	Vert Sect [feet]	North [feet]	East [feet]	DLS [°/100ft]	Path Comment
2577.00	9.150	305.220	2552.03	224.13	161.50	-209.82	2.49	
2640.00	7.470	312.600	2614.37	231.74	167.16	-216.92	3.15	
2703.00	6.160	319.980	2676.92	237.41	172.52	-222.11	2.50	
2767.00	4.400	329.120	2740.65	241.31	177.25	-225.58	3.04	
2894.00	2.140	325.610	2867.46	244.82	183.22	-228.53	1.41	
2957.00	1.880	310.140	2930.43	246.42	184.86	-229.99	0.95	
3021.00	1.340	327.010	2994.40	247.75	186.17	-231.20	1.11	
3084.00	0.980	313.300	3057.39	248.63	187.15	-231.99	0.72	
3211.00	1.160	271.470	3184.37	250.82	188.03	-234.11	0.71	
3274.00	1.700	263.730	3247.35	252.37	187.95	-235.67	0.91	
3338.00	2.050	259.860	3311.31	254.40	187.64	-237.74	0.58	
3401.00	0.980	267.250	3374.29	256.02	187.42	-239.39	1.72	
3528.00	2.950	235.610	3501.22	259.23	185.70	-242.77	2.31	
3591.00	3.430	230.920	3564.13	261.81	183.60	-245.57	0.87	
3655.00	3.960	225.410	3627.99	264.60	180.84	-248.63	1.00	
3718.00	4.040	209.590	3690.84	266.91	177.38	-251.28	1.75	
3845.00	6.100	200.130	3817.41	269.06	167.58	-254.37	3.18	
3908.00	6.610	207.570	3880.03	271.28	161.22	-257.20	1.54	
3972.00	8.620	214.860	3943.46	275.03	154.02	-261.65	3.48	
4035.00	11.430	218.730	4005.49	280.78	145.27	-268.26	4.58	
4162.00	15.560	224.010	4128.91	298.41	122.97	-288.08	3.08	
4226.00	17.150	225.410	4190.32	309.83	110.18	-300.77	2.56	
4289.00	19.080	224.360	4250.19	322.27	96.29	-314.58	3.11	
4353.00	19.960	224.010	4310.51	335.66	80.96	-329.49	1.39	
4480.00	21.630	224.010	4429.18	363.76	48.32	-360.81	1.11	
4528.00†	22.271	223.922	4473.70	374.94	35.41	-373.27	1.34	PROJECTION

WELLPATH COMPOSITION

Ref Wellbore: Bull Horn Federal 10-21-30-25 AWB Ref Wellpath: Bull Horn Fed 10-21-30-25

Start MD [feet]	End MD [feet]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	4480.00	MTC (Collar, pre-2000) (Standard)	BHI MWD	Bull Horn Federal 10-21-30-25 AWB
4480.00	4528.00	Blind Drilling (std)	Projection to bit	Bull Horn Federal 10-21-30-25 AWB

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DIV. OF OIL, GAS & MINING

**BAKER
HUGHES**

INTEO

BHA #: 1

Date Run: 9/23/2006

Depth In: 40

County/Block/Par.: San Juan

Depth Out: 2112

No.	Bit Size	Mfr	Type	Serial No.	Noz. or TFA	Gauge Length	Cum. Footage	Cum. Hours	Depth Out	DULL CONDITION								Comp. Lngth
										IR	OR	DC	LOC	B/S	G/16	OC	RPLD	
1	12 1/4	HCC	HRS 30C	6027797	3x20		2072	52.17	2112	4	5	WT	A	4	I	WT	TD	1.00

[illegible][illegible]

Drillpipe	Grade	OD	ID	Wt./ft	Conn.	Lgth
Upper				0.0		*****
Lower				0.0		0.00

BHA Weight	In Air	In Mud
Total	0	0
Lower	0	0

Mode	Footage:	Drig Hrs	Circ Hrs	ROP	WOB (Klbs)	Rot RPM	Rot Tq	Flow Rate	Avg Diff	SPP
Sliding	425	10.50	*****	40.5	15			492	166	1631
Rotating	1647	41.67	*****	39.5	11	40		518	176	1489
Total	2072	52.17	12.58	39.7	13	40	0	508	172	1543

Center of Clamp-on to Center of UBHS: _____ Mud Type: WATER Mud Weight _____ Hrs in Hole: 85

Objective For Running BHA:	Avg Temp: 74.32258	Max Temp: 84
----------------------------	--------------------	--------------

Drill vertical, then build @ 2/100 to 12 deg

BHA Results:

BHA performed as anticipated without problems

Reason for POOH:

Pulled to run casing

BHI Directional Drillers: Chad Meyer Dave Carrico

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BHI Job #: 1242573

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DIV. OF OIL, GAS & MINING

BOTTOM HOLE ASSEMBLY

INTEQ

BHA #: 2

Company: Cabot Oil & Gas Corp.

Well Name & No.: Bull Horn Federal 10-21-30-

Date Run: 9/27/2006

Field: San Juan County

Rig Contractor & No.: United Drilling Rig 5

Depth In: 2064

County/Block/Par.: San Juan

Depth Out: 3600

BIT DATA

No.	Bit Size	Mfr	Type	Serial No.	Noz. or TFA	Gauge Length	Cum. Footage	Cum. Hours	Depth Out	DULL CONDITION								Comp. Lngth
										IR	OR	DC	LOC	B/S	G/16	OC	RPLD	
2	7 7/8	SMITH	M616	JW 0311	6x14	1"	1536	33.58	3600	0	1	CT	S	X	I	NO	TD	1.00

BHA DESCRIPTION

[illegible]

STABILIZER DATA

[illegible]

DRILL PIPE DATA

Drillpipe	Grade	OD	ID	Wt./ft	Conn.	Lgth
Upper				0.0		*****
Lower				0.0		0.00

BHA WEIGHT DATA

BHA Weight	In Air	In Mud
Total	0	0
Lower	0	0

RUN SUMMARY

Mode	Footage:	Drig Hrs	Circ Hrs	ROP	WOB (Klbs)	Rot RPM	Rot Tq	Flow Rate	Avg Diff	SPP
Sliding	211	7.42	*****	28.4	9			326	260	1081
Rotating	1325	26.17	*****	50.6	7	29		328	223	1055
Total	1536	33.58	8.75	45.7	8	29	0	327	238	1066

Survey Sensor to Bit: 43 Gamma Sensor to Bit: Motor Bit to Bend: 6.9 Motor Bit to Stabilizer:

Center of Clamp-on to Center of UBHS: Mud Type: W.B. Mud Weight 8.8 Hrs in Hole: 72.16666

Objective For Running BHA:	Avg Temp:	85.08475	Max Temp:	92
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Hold 12 deg., then drop to vertical @ 2 deg/100 ft.

BHA Results:

Performed as expected.

Reason for POOH:

TD Well

BHI Directional Drillers: Chad Meyer Dave Carrico

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BHI Job #: 1242573

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DIV. OF OIL, GAS & MINING

BOTTOM HOLE ASSEMBLY

INTEO

BHA #: 3

Company: Cabot Oil & Gas Corp.

Well Name & No.: Bull Horn Federal 10-21-30-

Date Run: 9/30/2006

Field: San Juan County

Rig Contractor & No.: United Drilling Rig 5

Depth In: 3600

County/Block/Par.: San Juan

Depth Out: 4528

BIT DATA

No.	Bit Size	Mfr	Type	Serial No.	Noz. or TFA	Gauge Length	Cum. Footage	Cum. Hours	Depth Out	DULL CONDITION								Comp. Lngth
										IR	OR	DC	LOC	B/S	G/16	OC	RPLD	
2	7 7/8	SMITH	M616	JW 0311	6x14	1"	928	34.42	4528	1	1	NO	A	X	I	CT	TD	1.00

BHA DESCRIPTION

[illegible]

STABILIZER DATA

[illegible]

DRILL PIPE DATA

Drillpipe	Grade	OD	ID	Wt./ft	Conn.	Lgth
Upper				0.0		*****
Lower				0.0		0.00

BHA WEIGHT DATA

BHA Weight	In Air	In Mud
Total	0	(
Lower	0	(

RUN SUMMARY

Mode	Footage:	Drig Hrs	Circ Hrs	ROP	WOB (Klbs)	Rot RPM	Rot Tq	Flow Rate	Avg Diff	SPP
Sliding	237	13.67	*****	17.3	14			325	300	1300
Rotating	691	20.75	*****	33.3	7	30		325	350	1300
Total	928	34.42	4.58	27.0	10	30	0	325	329	1300

Survey Sensor to Bit:	43	Gamma Sensor to Bit:	Motor Bit to Bend:	6.9	Motor Bit to Stabilizer:
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Center of Clamp-on to Center of UBHS: Mud Type: W.B. Mud Weight 8.8 Hrs in Hole: 61.83333

Objective For Running BHA: Avg Temp: 92 Max Temp: 92

Turn hole SW & Build to 25 deg. @ TD

BHA Results:

Performed as expected.

Reason for POOH:

TD Well

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BHI Directional Drillers: Dave Carrico Michael Stanley

BHI Job #: 1242573

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DIV. OF OIL, GAS & MINING

CONFIDENTIAL

DAILY DRILLING REPORT

No: 1 Date: 9/29/2006

INTEQ

Company: Cabot Oil & Gas Corp.Well Name & No.: Bull Horn Federal 10-21-30-25Field: San Juan CountyRig Contractor & No.: United Drilling Rig 5County/Block/Parish: San JuanBHA No(s) Today: 1Depth: 453 Feet last 24 Hrs: 413Last CSG Depth: _____ Size: 0

MUD DATA

Mud Type WATER Weight: _____ Viscosity: _____ PV: _____ YP: _____ WL: _____
 Gels: _____ % Oil: _____ % Solid: _____ % Sand: _____ PH: 0 CL: _____

BIT DATA

No.	Bit Size	Mfr	Type	Serial No.	Noz. or TFA	Gauge Length	Cum. Footage	Cum. Hours	Depth Out	DULL CONDITION							
										IR	OR	DC	LOC	B/S	G/16	OC	RPLD
1	12 1/4	HCC	HRS 30C	6027797	3x20		413	8.8333		4	5	WT	A	4	1	WT	TD

MOTOR DATA / RUN DATA

BHA No.	Size	Type	Deflection		Serial Number	Avg Diff. Press.	Drill Hrs. Today	Drill Hrs. Accum.	Circ. Hrs. Today	Circ. Hrs. Accum.	Depth In	Depth Out
			Tool	Angle								
1	8	M1XL	AKO	1.7	5873 A	228.6	8.8	8.8	2.7	2.7	40	

PUMP DATA

Pump #	Liner X Stroke	Gal. / Stroke	Max Allowable SPP

TARGET DESCRIPTION / DETAILS

TIME BREAKDOWN

From	HRS	Code	Description
0:00	11	ONC	Other Non-circulating
			Mobe in, Rig up
11:00	0.5	ONC	Other Non-circulating
			Pick up motor and bit
11:30	0.5	ONC	Other Non-circulating
			Adjust AKO from 2.0 to 1.7 deg
12:00	0.5	ONC	Other Non-circulating
			Kelly up to drill
12:30	4.3333	ROT	Rotary Drill fr: 40 to 169
16:50	0.6667	SVC	Survey Circulating
			Connections & survey @ 120'
17:30	0.8333	ROT	Rotary Drill fr: 169 to 229
18:20	0.5	SVC	Survey Circulating
			Connections & survey @ 181'
18:50	1	ROT	Rotary Drill fr: 229 to 289
19:50	0.5	SVC	Survey Circulating
			Connections & Survey @ 241'
20:20	0.8333	ROT	Rotary Drill fr: 289 to 349
21:10	0.5	SVC	Survey Circulating
			Connections & Survey @ 300

24 Hr Summary: Rig Up, P/U Tools, Scribe/Test, Drill F/ 40'-453Proj svy at 0:00: NONE ENTEREDProj svy at 24:00: 453 453 .5 250

Bottom Hole Temp. (F), Circulating: _____

Formation Name/Depth: _____

Remarks: _____

BHI DIRECTIONAL REP: Chad Meyer, Dave Carrico

BHI MWD REP.: _____

COMPANY REP.: Dave MooreDAILY COST: \$15,975.00CUMMULATIVE COST: \$15,975.00BHI JOB #: 1242573

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Page 1 of 2

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DIV. OF OIL, GAS & MINING



DAILY DRILLING REPORT

No: 2 Date: 9/24/2006

INTEQ

Company: Cabot Oil & Gas Corp.Well Name & No.: Bull Horn Federal 10-21-30-25Field: San Juan CountyRig Contractor & No.: United Drilling Rig 5County/Block/Parish: San JuanBHA No(s) Today: 1Depth: 1241 Feet last 24 Hrs: 788Last CSG Depth: _____ Size: 0

MUD DATA

Mud Type WATER

Weight: _____

Viscosity: _____

PV: _____

YP: _____

WL: _____

Gels: _____

% Oil: _____

% Solid: _____

% Sand: _____

PH: 0

CL: _____

BIT DATA

No.	Bit Size	Mfr	Type	Serial No.	Noz. or TFA	Gauge Length	Cum. Footage	Cum. Hours	Depth Out	DULL CONDITION							
										IR	OR	DC	LOC	B/S	G/16	OC	RPLD
1	12 1/4	HCC	HRS 30C	6027797	3x20		1201	25.250		4	5	WT	A	4	I	WT	TD

MOTOR DATA / RUN DATA

BHA No.	Size	Type	Deflection		Serial Number	Avg Diff. Press.	Drill Hrs. Today	Drill Hrs. Accum.	Circ. Hrs. Today	Circ. Hrs. Accum.	Depth In	Depth Out
			Tool	Angle								
1	8	M1XL	AKO	1.7	5873 A	193.4	16.4	25.3	5.2	7.8	40	

PUMP DATA

TARGET DESCRIPTION / DETAILS

Pump #	Liner X Stroke	Gal. / Stroke	Max Allowable SPP

TIME BREAKDOWN

From	HRS	Code	Description
0:00	0.3333	ROT	Rotary Drill fr: 453 to 470
0:20	0.5	SVC	Survey Circulating
			Connections & Survey @ 421'
0:50	1	ROT	Rotary Drill fr: 470 to 529
1:50	0.5	SVC	Survey Circulating
			Connections & Survey @ 480'
2:20	1.3333	ROT	Rotary Drill fr: 529 to 590
3:40	0.3333	SVC	Survey Circulating
			Connections & Survey @ 241
4:00	0.25	SLID	Slide Drill fr: 590 to 602
4:15	1.5	ROT	Rotary Drill fr: 602 to 650
5:45	0.5	SVC	Survey Circulating
			Connections & Survey @ 601
6:15	1	ROT	Rotary Drill fr: 650 to 710
7:15	0.5	SVNC	Survey Non-Circulating
			Connections & survey @ 662'
7:45	1.1667	ROT	Rotary Drill fr: 710 to 770

24 Hr Summary: Drill F/ 453'-1241'Proj svy at 0:00: 453 453 .5 250Proj svy at 24:00: 1241 1240 6.5 320Bottom Hole Temp. (F), Circulating: 74

Formation Name/Depth: _____

Remarks: _____

BHI DIRECTIONAL REP: Chad Meyer, Dave Carrico

BHI MWD REP.: _____

COMPANY REP.: Dave MooreDAILY COST: \$9,300.00CUMMULATIVE COST: \$25,275.00BHI JOB #: 1242573**RECEIVED****FEB 22 2007**



DAILY DRILLING REPORT

No: 2 Date: 9/24/2006

INTEQ

Company: Cabot Oil & Gas Corp.Field: San Juan CountyCounty/Block/Parish: San JuanDepth: 1241 Feet last 24 Hrs: 788Well Name & No.: Bull Horn Federal 10-21-30-25Rig Contractor & No.: United Drilling Rig 5BHA No(s) Today: 1Last CSG Depth: _____ Size: 0

8:55	0.5	SVNC	Survey Non-Circulating
			Connections & survey @ 721'
9:25	1.4167	ROT	Rotary Drill fr: 770 to 831
10:50	0.5	SVC	Survey Circulating
			Connections @ survey @ 782'
11:20	1	ROT	Rotary Drill fr: 831 to 897
12:20	0.5	RIGS	Rig Service
			Service & Change over kelly to 4" FH
12:50	0.5	SVC	Survey Circulating
			Connections & survey @ 843'
13:20	0.25	SLID	Slide Drill fr: 897 to 917
13:35	0.25	ROT	Rotary Drill fr: 917 to 924
13:50	0.4167	ONC	Other Non-circulating
			Connection
14:15	0.3333	SLID	Slide Drill fr: 924 to 939
14:35	0.3333	ROT	Rotary Drill fr: 939 to 956
14:55	0.25	SVC	Survey Circulating
			Connection & survey @ 907'
15:10	0.3333	SLID	Slide Drill fr: 956 to 971
15:30	0.3333	ROT	Rotary Drill fr: 971 to 988
15:50	0.3333	SVC	Survey Circulating
			Connection & checkshot
16:10	0.1667	SLID	Slide Drill fr: 988 to 1003
16:20	0.5	ROT	Rotary Drill fr: 1003 to 1019
16:50	0.1667	SVC	Survey Circulating
			Connection & survey @ 970'
17:00	0.4167	SLID	Slide Drill fr: 1019 to 1034
17:25	0.4167	ROT	Rotary Drill fr: 1034 to 1051
17:50	0.25	SVNC	Survey Non-Circulating
			Connection & checkshot
18:05	0.3333	SLID	Slide Drill fr: 1051 to 1066
18:25	0.3333	ROT	Rotary Drill fr: 1066 to 1083
18:45	0.1667	SVC	Survey Circulating
			Connection & survey @ 1034'
18:55	0.25	SLID	Slide Drill fr: 1083 to 1098
19:10	0.3333	ROT	Rotary Drill fr: 1098 to 1115

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Page 2 of 3

DIV. OF OIL, GAS & MINING



DAILY DRILLING REPORT

No: 2 Date: 9/24/2006

INTEQ

Company: Cabot Oil & Gas Corp.Field: San Juan CountyCounty/Block/Parish: San JuanDepth: 1241 Feet last 24 Hrs: 788Well Name & No.: Bull Horn Federal 10-21-30-25Rig Contractor & No.: United Drilling Rig 5BHA No(s) Today: 1Last CSG Depth: _____ Size: 0

19:30	0.25	SVNC	Survey Non-Circulating
			Connection & checkshot
19:45	0.1667	SLID	Slide Drill fr: 1115 to 1130
19:55	0.3333	ROT	Rotary Drill fr: 1130 to 1146
20:15	0.25	SVC	Survey Circulating
			Connections & Survey @ 1097
20:30	0.25	SLID	Slide Drill fr: 1146 to 1161
20:45	0.4167	ROT	Rotary Drill fr: 1161 to 1178
21:10	0.25	SVC	Survey Circulating
			Connection & Survey @ 1129
21:25	0.3333	SLID	Slide Drill fr: 1178 to 1193
21:45	0.6667	ROT	Rotary Drill fr: 1193 to 1210
22:25	0.5833	SVC	Survey Circulating
			Connection & Survey @ 1161
23:00	0.25	SLID	Slide Drill fr: 1210 to 1225
23:15	0.4167	ROT	Rotary Drill fr: 1225 to 1241
23:40	0.3333	SVC	Survey Circulating
			Connection & Survey @ 1192

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Page 3 of 3



DAILY DRILLING REPORT

No: 3 Date: 9/25/2006

INTEQ

Company: Cabot Oil & Gas Corp.Well Name & No.: Bull Horn Federal 10-21-30-25Field: San Juan CountyRig Contractor & No.: United Drilling Rig 5County/Block/Parish: San JuanBHA No(s) Today: 1Depth: 1970 Feet last 24 Hrs: 729Last CSG Depth: _____ Size: 0

MUD DATA

Mud Type WATER Weight: _____ Viscosity: _____ PV: _____ YP: _____ WL: _____
Gels: _____ % Oil: _____ % Solid: _____ % Sand: _____ PH: 0 CL: _____

BIT DATA

No.	Bit Size	Mfr	Type	Serial No.	Noz. or TFA	Gauge Length	Cum. Footage	Cum. Hours	Depth Out	DULL CONDITION							
										IR	OR	DC	LOC	B/S	G/16	OC	RPLD
1	12 1/4	HCC	HRS 30C	6027797	3x20		1930	45.833		4	5	WT	A	4	I	WT	TD

MOTOR DATA / RUN DATA

BHA No.	Size	Type	Deflection		Serial Number	Avg Diff. Press.	Drill Hrs. Today	Drill Hrs. Accum.	Circ. Hrs. Today	Circ. Hrs. Accum.	Depth In	Depth Out
			Tool	Angle								
1	8	M1XL	AKO	1.7	5873 A	173.6	20.6	45.8	2.6	10.4	40	

PUMP DATA

Pump #	Liner X Stroke	Gal. / Stroke	Max Allowable SPP

TARGET DESCRIPTION / DETAILS

TIME BREAKDOWN

From	HRS	Code	Description
0:00	0.1667	SLID	Slide Drill fr: 1241 to 1256
0:10	0.5833	ROT	Rotary Drill fr: 1256 to 1273
0:45	0.0833	SVC	Survey Circulating
			Connection & Survey @ 1222
0:50	0.25	SLID	Slide Drill fr: 1273 to 1288
1:05	0.75	ROT	Rotary Drill fr: 1288 to 1305
1:50	0.1667	SVC	Survey Circulating
			Connection & Survey @ 1256
2:00	0.25	SLID	Slide Drill fr: 1305 to 1320
2:15	0.5	ROT	Rotary Drill fr: 1320 to 1337
2:45	0.1667	SVC	Survey Circulating
			Connection & Survey @ 1288
2:55	0.25	SLID	Slide Drill fr: 1337 to 1352
3:10	0.5833	ROT	Rotary Drill fr: 1352 to 1368
3:45	0.1667	SVC	Survey Circulating
			Connection & Survey @ 1319

24 Hr Summary: Drill F/ 1241'-1970'Proj svy at 0:00: 1241 1240 6.5 320Proj svy at 24:00: 1970 1955 12 317Bottom Hole Temp. (F), Circulating: 74

Formation Name/Depth: _____

Remarks: _____

BHI DIRECTIONAL REP: Chad Meyer, Dave Carrico

BHI MWD REP.: _____

COMPANY REP.: Dave MooreDAILY COST: \$9,300.00CUMMULATIVE COST: \$34,575.00BHI JOB #: 1242573**RECEIVED**

Page 1 of 3

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DIV. OF OIL, GAS & MINING



DAILY DRILLING REPORT

No: 3 Date: 9/25/2006

INTEQ

Company: Cabot Oil & Gas Corp.Well Name & No.: Bull Horn Federal 10-21-30-25Field: San Juan CountyRig Contractor & No.: United Drilling Rig 5County/Block/Parish: San JuanBHA No(s) Today: 1Depth: 1970 Feet last 24 Hrs: 729Last CSG Depth: _____ Size: 0

3:55	0.25	SLID	Slide Drill fr: 1368 to 1383
4:10	0.9167	ROT	Rotary Drill fr: 1383 to 1400
5:05	0.1667	SVC	Survey Circulating
			Connection & Survey @ 1351
5:15	0.1667	SLID	Slide Drill fr: 1400 to 1415
5:25	0.5	ROT	Rotary Drill fr: 1415 to 1432
5:55	0.1667	SVC	Survey Circulating
			Connection & Survey @ 1383
6:05	0.1667	SLID	Slide Drill fr: 1432 to 1447
6:15	0.5833	ROT	Rotary Drill fr: 1447 to 1463
6:50	0.1667	SVC	Survey Circulating
			Connection & survey @ 1414'
7:00	0.25	SLID	Slide Drill fr: 1463 to 1478
7:15	0.4167	ROT	Rotary Drill fr: 1478 to 1495
7:40	0.1667	SVNC	Survey Non-Circulating
			Connection & checkshot
7:50	0.1667	SLID	Slide Drill fr: 1495 to 1510
8:00	0.5	ROT	Rotary Drill fr: 1510 to 1527
8:30	0.25	SVNC	Survey Non-Circulating
			Connection & checkshot
8:45	0.3333	SLID	Slide Drill fr: 1527 to 1542
9:05	0.5833	ROT	Rotary Drill fr: 1542 to 1559
9:40	0.1667	SVNC	Survey Non-Circulating
			Connection & checkshot
9:50	0.4167	SLID	Slide Drill fr: 1559 to 1574
10:15	0.5833	ROT	Rotary Drill fr: 1574 to 1590
10:50	0.1667	SVC	Survey Circulating
			Connection & survey @ 1541'
11:00	0.5833	ROT	Rotary Drill fr: 1590 to 1622
11:35	0.25	SVNC	Survey Non-Circulating
			Connection & checkshot
11:50	0.6667	ROT	Rotary Drill fr: 1622 to 1654
12:30	0.1667	SVC	Survey Circulating
			Connection & survey @ 1605'
12:40	1.5	ROT	Rotary Drill fr: 1654 to 1717

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Page 2 of 3

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DIV. OF OIL, GAS & MINING



DAILY DRILLING REPORT

No: 3 Date: 9/25/2006

INTEQ

Company: Cabot Oil & Gas Corp.Field: San Juan CountyCounty/Block/Parish: San JuanDepth: 1970 Feet last 24 Hrs: 729Well Name & No.: Bull Horn Federal 10-21-30-25Rig Contractor & No.: United Drilling Rig 5BHA No(s) Today: 1Last CSG Depth: _____ Size: 0

14:10	0.3333	SVC	Survey Circulating
			Connections & survey @ 1668'
14:30	1.25	SLID	Slide Drill fr: 1717 to 1732
15:45	1.9167	ROT	Rotary Drill fr: 1732 to 1780
17:40	0.3333	SVC	Survey Circulating
			Connections & survey @ 1731'
18:00	0.9167	SLID	Slide Drill fr: 1780 to 1795
18:55	1.5833	ROT	Rotary Drill fr: 1795 to 1844
20:30	0.25	SVC	Survey Circulating
			Connection & Survey @ 1795'
20:45	0.5	SLID	Slide Drill fr: 1844 to 1854
21:15	1.5	ROT	Rotary Drill fr: 1854 to 1907
22:45	0.25	SVC	Survey Circulating
			Connection & Survey @ 1858'
23:00	1	ROT	Rotary Drill fr: 1907 to 1970

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Page 3 of 3

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DIV. OF OIL, GAS & MINING



DAILY DRILLING REPORT

No: 4 Date: 9/26/2006

INTEQ

Company: Cabot Oil & Gas Corp.Well Name & No.: Bull Horn Federal 10-21-30-25Field: San Juan CountyRig Contractor & No.: United Drilling Rig 5County/Block/Parish: San JuanBHA No(s) Today: 1Depth: 2112 Feet last 24 Hrs: 142Last CSG Depth: _____ Size: 0

MUD DATA

Mud Type WATER

Weight: _____

Viscosity: _____

PV: _____

YP: _____

WL: _____

Gels: _____

% Oil: _____

% Solid: _____

% Sand: _____

PH: 0

CL: _____

BIT DATA

No.	Bit Size	Mfr	Type	Serial No.	Noz. or TFA	Gauge Length	Cum. Footage	Cum. Hours	Depth Out	DULL CONDITION							
										IR	OR	DC	LOC	B/S	G/16	OC	RPLD
1	12 1/4	HCC	HRS 30C	6027797	3x20		2072	52.167	2112	4	5	WT	A	4	I	WT	TD

MOTOR DATA / RUN DATA

BHA No.	Size	Type	Deflection		Serial Number	Avg Diff. Press.	Drill Hrs. Today	Drill Hrs. Accum.	Circ. Hrs. Today	Circ. Hrs. Accum.	Depth In	Depth Out
			Tool	Angle								
1	8	M1XL	AKO	1.7	5873 A	171.7	6.3	52.2	2.2	12.6	40	2112

PUMP DATA

Pump #	Liner X Stroke	Gal. / Stroke	Max Allowable SPP

TARGET DESCRIPTION / DETAILS

TIME BREAKDOWN

From	HRS	Code	Description
0:00	0.0833	ROT	Rotary Drill fr: 1970 to 1971
0:05	0.1667	SVC	Survey Circulating
			Connections & Survey @ 1922
0:15	0.5833	SLID	Slide Drill fr: 1971 to 1984
0:50	1.75	ROT	Rotary Drill fr: 1984 to 2034
2:35	0.1667	SVC	Survey Circulating
			Connections & Survey @ 1985'
2:45	1.0833	SLID	Slide Drill fr: 2034 to 2049
3:50	2.3333	ROT	Rotary Drill fr: 2049 to 2098
6:10	0.3333	SVC	Survey Circulating
			Connections & survey @ 2049'
6:30	0.5	ROT	Rotary Drill fr: 2098 to 2112
7:00	0.5	CIRC	Circulate
			Circulate Hi Visc sweep
7:30	3.75	ST	Short Tripping
			Wiper trip to BHA
11:15	1	CIRC	Circulate
			Circulate Hi Visc sweep

24 Hr Summary: Drill F/ 1970'-2112'Proj svy at 0:00: 1970 1955 12 317

Proj svy at 24:00: _____

Bottom Hole Temp. (F), Circulating: 84

Formation Name/Depth: _____

Remarks:

TD surface hole @ 2112'Circulate sweep, wiper trip to BHA. POOH for casing.BHI DIRECTIONAL REP: Chad Meyer, Dave Carrico

BHI MWD REP.: _____

COMPANY REP.: Dave MooreDAILY COST: \$9,300.00CUMMULATIVE COST: \$43,875.00BHI JOB #: 1242573**RECEIVED**

Page 1 of 2

FEB 22 2007

DIV. OF OIL, GAS & MINING



DAILY DRILLING REPORT

No: 4 Date: 9/26/2006

INTEQ

Company: Cabot Oil & Gas Corp.

Well Name & No.: Bull Horn Federal 10-21-30-25

Field: San Juan County

Rig Contractor & No.: United Drilling Rig 5

County/Block/Parish: San Juan

BHA No(s) Today: 1

Depth: 2112 Feet last 24 Hrs: 142

Last CSG Depth: Size: 0

12:15	1.75	TO	Tripping Out (To Surface)
14:00	1.5	ONC	Other Non-circulating
			L/D 14 DC's and Directional Tools
15:30	8.5	C	Casing

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Page 2 of 2

DIV. OF OIL, GAS & MINING



DAILY DRILLING REPORT

No: 5 Date: 9/27/2006

INTEQ

Company: Cabot Oil & Gas Corp.Well Name & No.: Bull Horn Federal 10-21-30-25Field: San Juan CountyRig Contractor & No.: United Drilling Rig 5County/Block/Parish: San JuanBHA No(s) Today: 2Depth: 2120 Feet last 24 Hrs: 56Last CSG Depth: 2110Size: 9.625

MUD DATA

Mud Type WATER Weight: _____ Viscosity: _____ PV: _____ YP: _____ WL: _____
Gels: _____ % Oil: _____ % Solid: _____ % Sand: _____ PH: 0 CL: _____

BIT DATA

No.	Bit Size	Mfr	Type	Serial No.	Noz. or TFA	Gauge Length	Cum. Footage	Cum. Hours	Depth Out	DULL CONDITION							
										IR	OR	DC	LOC	B/S	G/16	OC	RPLD
2	7 7/8	SMITH	M616	JW 0311	6x14	1"	56	1.5		0	1	CT	S	X	I	NO	TD

MOTOR DATA / RUN DATA

BHA No.	Size	Type	Deflection		Serial Number	Avg Diff. Press.	Drill Hrs. Today	Drill Hrs. Accum.	Circ. Hrs. Today	Circ. Hrs. Accum.	Depth In	Depth Out
			Tool	Angle								
2	6 1/2	M1XL	AKO	1.3	ND 441	200.0	1.5	1.5	0.8	0.8	2064	

PUMP DATA

Pump #	Liner X Stroke	Gal. / Stroke	Max Allowable SPP

TARGET DESCRIPTION / DETAILS

TIME BREAKDOWN

From	HRS	Code	Description
0:00	17.5	ONC	Other Non-circulating
			Nipple up & test BOP's
17:30	1	ONC	Other Non-circulating
			P/U BHA #2
18:30	2	TI	Tripping In (From Surface)
20:30	0.3333	ONC	Other Non-circulating
			Install Rot. Head/Kelly Up
20:50	0.1667	CIRC	Circulate
			Tagged Float @ 2064'
21:00	0.8333	ROT	Rotary Drill fr: 2064 to 2110
			Drill Float/Cement/Shoe
21:50	0.6667	ROT	Rotary Drill fr: 2110 to 2120
22:30	0.6667	OC	Other Circulating
			FIT Test & Circ Hole
23:10	0.8333	ONC	Other Non-circulating
			Mud up/Work on Pumps

24 Hr Summary: Nipple up, test BOP's, Drill shoe, 2112'-2120'

Proj svy at 0:00: _____

Proj svy at 24:00: _____

Bottom Hole Temp. (F), Circulating: 84

Formation Name/Depth: _____

Remarks: _____

BHI DIRECTIONAL REP: Chad Meyer, Dave Carrico

BHI MWD REP.: _____

COMPANY REP.: Dave MooreDAILY COST: \$10,275.00CUMMULATIVE COST: \$54,150.00BHI JOB #: 1242573**RECEIVED**

Page 1 of 1

FEB 22 2007

DIV. OF OIL, GAS & MINING



DAILY DRILLING REPORT

No: 6 Date: 9/28/2006

INTEQ

Company: Cabot Oil & Gas Corp.Well Name & No.: Bull Horn Federal 10-21-30-25Field: San Juan CountyRig Contractor & No.: United Drilling Rig 5County/Block/Parish: San JuanBHA No(s) Today: 2Depth: 2907 Feet last 24 Hrs: 787Last CSG Depth: 2110 Size: 9.625

MUD DATA

Mud Type W.B. Weight: 8.8 Viscosity: 46 PV: 8 YP: 18 WL: 6.8
Gels: 3/10/11 % Oil: 0 % Solid: 3 % Sand: 1 PH: 8 CL: 26000

BIT DATA

No.	Bit Size	Mfr	Type	Serial No.	Noz. or TFA	Gauge Length	Cum. Footage	Cum. Hours	Depth Out	DULL CONDITION							
										IR	OR	DC	LOC	B/S	G/16	OC	RPLD
2	7 7/8	SMITH	M616	JW 0311	6x14	1"	843	19.417		0	1	CT	S	X	I	NO	TD

MOTOR DATA / RUN DATA

BHA No.	Size	Type	Deflection		Serial Number	Avg Diff. Press.	Drill Hrs. Today	Drill Hrs. Accum.	Circ. Hrs. Today	Circ. Hrs. Accum.	Depth In	Depth Out
			Tool	Angle								
2	6 1/2	M1XL	AKO	1.3	ND 441	226.7	17.9	19.4	3.0	3.8	2064	

PUMP DATA

Pump #	Liner X Stroke	Gal. / Stroke	Max Allowable SPP

TARGET DESCRIPTION / DETAILS

TIME BREAKDOWN

From	HRS	Code	Description
0:00	2	ONC	Other Non-circulating
			Mud up/Work on Pumps
2:00	1	ROT	Rotary Drill fr: 2120 to 2178
3:00	0.25	SVC	Survey Circulating
			Connection & Survey @ 2133
3:15	1.1667	ROT	Rotary Drill fr: 2178 to 2242
4:25	0.1667	SVC	Survey Circulating
			Connection & Survey @ 2196
4:35	0.3333	SLID	Slide Drill fr: 2242 to 2257
4:55	0.6667	ROT	Rotary Drill fr: 2257 to 2273
5:35	0.1667	SVC	Survey Circulating
			Check Shot @ 2228'
5:45	0.0833	SLID	Slide Drill fr: 2273 to 2283
5:50	0.6667	ROT	Rotary Drill fr: 2283 to 2305
6:30	0.25	SVC	Survey Circulating
			Connection & survey @ 2260'
6:45	0.1667	SLID	Slide Drill fr: 2305 to 2317

24 Hr Summary: Drill F/ 2120' to 2907'

Proj svy at 0:00: _____

Proj svy at 24:00: 2907 2880 2 330Bottom Hole Temp. (F), Circulating: 84

Formation Name/Depth: _____

Remarks: _____

BHI DIRECTIONAL REP: Chad Meyer, Dave Carrico

BHI MWD REP.: _____

COMPANY REP.: Dave MooreDAILY COST: \$8,300.00CUMMULATIVE COST: \$62,450.00BHI JOB #: 1242573**RECEIVED**

Page 1 of 4

FEB 22 2007

DIV. OF OIL, GAS & MINING



DAILY DRILLING REPORT

No: 6 Date: 9/28/2006

INTEQ

Company: Cabot Oil & Gas Corp.Well Name & No.: Bull Horn Federal 10-21-30-25Field: San Juan CountyRig Contractor & No.: United Drilling Rig 5County/Block/Parish: San JuanBHA No(s) Today: 2Depth: 2907 Feet last 24 Hrs: 787Last CSG Depth: 2110 Size: 9.625

6:55	0.5	ROT	Rotary Drill fr: 2317 to 2337
7:25	0.25	SVNC	Survey Non-Circulating
			Connection & checkshot
7:40	0.1667	SLID	Slide Drill fr: 2337 to 2347
7:50	0.4167	ROT	Rotary Drill fr: 2347 to 2369
8:15	0.1667	SVC	Survey Circulating
			Connection & survey @ 2324'
8:25	0.25	SLID	Slide Drill fr: 2369 to 2379
8:40	0.5	ROT	Rotary Drill fr: 2379 to 2400
9:10	0.1667	SVNC	Survey Non-Circulating
			Connection & checkshot
9:20	0.1667	SLID	Slide Drill fr: 2400 to 2410
9:30	0.5833	ROT	Rotary Drill fr: 2410 to 2432
10:05	0.1667	SVC	Survey Circulating
			Connection & survey @ 2387'
10:15	0.25	SLID	Slide Drill fr: 2432 to 2447
10:30	0.5	ROT	Rotary Drill fr: 2447 to 2463
11:00	0.25	SVNC	Survey Non-Circulating
			Connection & checkshot
11:15	0.4167	SLID	Slide Drill fr: 2463 to 2483
11:40	0.5	ROT	Rotary Drill fr: 2483 to 2495
12:10	0.1667	SVC	Survey Circulating
			Connection & survey @ 2450'
12:20	0.4167	SLID	Slide Drill fr: 2495 to 2505
12:45	0.3333	ROT	Rotary Drill fr: 2505 to 2527
13:05	0.1667	SVNC	Survey Non-Circulating
			Connection & checkshot
13:15	0.4167	SLID	Slide Drill fr: 2527 to 2540
13:40	0.25	ROT	Rotary Drill fr: 2540 to 2559
13:55	0.1667	SVC	Survey Circulating
			Connection & survey @ 2514'
14:05	0.3333	SLID	Slide Drill fr: 2559 to 2574
14:25	0.3333	ROT	Rotary Drill fr: 2574 to 2590
14:45	0.1667	SVNC	Survey Non-Circulating
			Connection & checkshot

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Page 2 of 4

DIV. OF OIL, GAS & MINING



DAILY DRILLING REPORT

No: 6 Date: 9/28/2006

INTEQ

Company: Cabot Oil & Gas Corp.Field: San Juan CountyCounty/Block/Parish: San JuanDepth: 2907 Feet last 24 Hrs: 787Well Name & No.: Bull Horn Federal 10-21-30-25Rig Contractor & No.: United Drilling Rig 5BHA No(s) Today: 2Last CSG Depth: 2110 Size: 9.625

14:55	0.4167	SLID	Slide Drill fr: 2590 to 2605
15:20	0.4167	ROT	Rotary Drill fr: 2605 to 2622
15:45	0.1667	SVC	Survey Circulating
			Connection & survey @ 2577'
15:55	0.25	SLID	Slide Drill fr: 2622 to 2637
16:10	0.4167	ROT	Rotary Drill fr: 2637 to 2654
16:35	0.25	SVNC	Survey Non-Circulating
			Connection & checkshot
16:50	0.3333	SLID	Slide Drill fr: 2654 to 2668
17:10	0.3333	ROT	Rotary Drill fr: 2668 to 2685
17:30	0.1667	SVC	Survey Circulating
			Connection & survey @ 2640'
17:40	0.25	SLID	Slide Drill fr: 2685 to 2700
17:55	0.25	ROT	Rotary Drill fr: 2700 to 2717
18:10	0.1667	SVC	Survey Circulating
			Check Shot @ 2672'
18:20	0.4167	SLID	Slide Drill fr: 2717 to 2732
18:45	0.4167	ROT	Rotary Drill fr: 2732 to 2748
19:10	0.25	SVC	Survey Circulating
			Connection & Survey @ 2703'
19:25	0.25	SLID	Slide Drill fr: 2748 to 2760
19:40	0.5833	ROT	Rotary Drill fr: 2760 to 2780
20:15	0.1667	SVC	Survey Circulating
			Check Shot @ 2735'
20:25	0.25	SLID	Slide Drill fr: 2780 to 2792
20:40	0.5	ROT	Rotary Drill fr: 2792 to 2812
21:10	0.1667	SVC	Survey Circulating
			Connection & Survey @ 2767'
21:10	0.4167	SLID	Slide Drill fr: 2812 to 2822
21:35	0.5	ROT	Rotary Drill fr: 2822 to 2844
22:05	0.1667	SVC	Survey Circulating
			Check Shot @ 2799'
22:15	0.5833	ROT	Rotary Drill fr: 2844 to 2876
22:50	0.1667	SVC	Survey Circulating
			Connection & Survey @ 2831'

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DAILY DRILLING REPORT

No: 6 Date: 9/28/2006

INTEQ

Company: Cabot Oil & Gas Corp.

Well Name & No.: Bull Horn Federal 10-21-30-25

Field: San Juan County

Rig Contractor & No.: United Drilling Rig 5

County/Block/Parish: San Juan

BHA No(s) Today: 2

Depth: 2907 Feet last 24 Hrs: 787

Last CSG Depth: 2110

Size: 9.625

23:00	0.3333	SLID	Slide Drill fr: 2876 to 2884
23:20	0.5833	ROT	Rotary Drill fr: 2884 to 2907
23:55	0.0833	SVC	Survey Circulating
			Check Shot @ 2862'

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Page 4 of 4

DIV. OF OIL, GAS & MINING



DAILY DRILLING REPORT

No: 7 Date: 9/29/2006

INTEQ

Company: Cabot Oil & Gas Corp.Well Name & No.: Bull Horn Federal 10-21-30-25Field: San Juan CountyRig Contractor & No.: United Drilling Rig 5County/Block/Parish: San JuanBHA No(s) Today: 2Depth: 3600 Feet last 24 Hrs: 693Last CSG Depth: 2110Size: 9.625

MUD DATA

Mud Type W.B. Weight: 8.8 Viscosity: 46 PV: 8 YP: 18 WL: 6.8
Gels: 3/10/11 % Oil: 0 % Solid: 3 % Sand: 1 PH: 8 CL: 26000

BIT DATA

No.	Bit Size	Mfr	Type	Serial No.	Noz. or TFA	Gauge Length	Cum. Footage	Cum. Hours	Depth Out	DULL CONDITION							
										IR	OR	DC	LOC	B/S	G/16	OC	RPLD
2	7 7/8	SMITH	M616	JW 0311	6x14	1"	1536	33.583	3600	0	1	CT	S	X	I	NO	TD

MOTOR DATA / RUN DATA

BHA No.	Size	Type	Deflection		Serial Number	Avg Diff. Press.	Drill Hrs. Today	Drill Hrs. Accum.	Circ. Hrs. Today	Circ. Hrs. Accum.	Depth In	Depth Out
			Tool	Angle								
2	6 1/2	M1XL	AKO	1.3	ND 441	237.7	14.2	33.6	4.9	8.8	2064	3600

PUMP DATA

TARGET DESCRIPTION / DETAILS

Pump #	Liner X Stroke	Gal. / Stroke	Max Allowable SPP

TIME BREAKDOWN

From	HRS	Code	Description
0:00	0.75	ROT	Rotary Drill fr: 2907 to 2939
0:45	0.0833	SVC	Survey Circulating
			Connection & Survey @ 2894'
0:50	0.1667	SLID	Slide Drill fr: 2939 to 2849
1:00	1.8333	ROT	Rotary Drill fr: 2849 to 3002
2:50	0.1667	SVC	Survey Circulating
			Connection & Survey @ 2957'
3:00	0.3333	SLID	Slide Drill fr: 3002 to 3017
3:20	1.0833	ROT	Rotary Drill fr: 3017 to 3066
4:25	0.0833	SVC	Survey Circulating
			Connection & Survey @ 3021'
4:30	1.25	ROT	Rotary Drill fr: 3066 to 3129
5:45	0.1667	SVC	Survey Circulating
			Connection & Survey @ 3084'
5:55	1.25	ROT	Rotary Drill fr: 3129 to 3193
7:10	0.3333	SVC	Survey Circulating
			Connections & survey @ 3148'

24 Hr Summary: Drill F/ 2907'-3602'Proj svy at 0:00: 2907 2880 2 330Proj svy at 24:00: Bottom Hole Temp. (F), Circulating: 92Formation Name/Depth:

Remarks:

Drilled 225' of additional hole before TD @ 3602'BHI DIRECTIONAL REP: Chad Meyer, Dave CarricoBHI MWD REP.: COMPANY REP.: Dave MooreDAILY COST: \$8,300.00CUMMULATIVE COST: \$70,750.00BHI JOB #: 1242573**RECEIVED****FEB 22 2007**

DIV. OF OIL, GAS & MINING



DAILY DRILLING REPORT

No: 7 Date: 9/29/2006

INTEQ

Company: Cabot Oil & Gas Corp.Well Name & No.: Bull Horn Federal 10-21-30-25Field: San Juan CountyRig Contractor & No.: United Drilling Rig 5County/Block/Parish: San JuanBHA No(s) Today: 2Depth: 3600 Feet last 24 Hrs: 693Last CSG Depth: 2110 Size: 9.625

7:30	1	ROT	Rotary Drill fr: 3193 to 3256
8:30	0.3333	SVC	Survey Circulating
			Connections & survey @ 3211'
8:50	1	ROT	Rotary Drill fr: 3256 to 3319
9:50	0.3333	SVC	Survey Circulating
			Connections & survey @ 3274'
10:10	1.5	ROT	Rotary Drill fr: 3319 to 3383
11:40	0.3333	SVC	Survey Circulating
			Connections & survey @ 3338'
12:00	0.5	SLID	Slide Drill fr: 3383 to 3398
12:30	0.6667	ROT	Rotary Drill fr: 3398 to 3446
13:10	0.3333	SVC	Survey Circulating
			Connections & survey @ 3401'
13:30	0.9167	ROT	Rotary Drill fr: 3446 to 3510
14:25	0.3333	SVC	Survey Circulating
			Connections & survey @ 3465'
14:45	1	ROT	Rotary Drill fr: 3510 to 3573
15:45	0.3333	SVC	Survey Circulating
			Connections & survey @ 3528'
16:05	0.5	SLID	Slide Drill fr: 3573 to 3588
16:35	0.4167	ROT	Rotary Drill fr: 3588 to 3600
			TD Well
17:00	1	CIRC	Circulate
18:00	2.1667	ST	Short Tripping
			Wiper trip to shoe
20:10	1.0833	CIRC	Circulate
21:15	2.75	TO	Tripping Out (To Surface)
			TOH - L/D Tools

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DIV. OF OIL, GAS & MINING



DAILY DRILLING REPORT

No: 8 Date: 9/30/2006

INTEQ

Company: Cabot Oil & Gas Corp.Well Name & No.: Bull Horn Federal 10-21-30-25Field: San Juan CountyRig Contractor & No.: United Drilling Rig 5County/Block/Parish: San JuanBHA No(s) Today: 3Depth: 3817 Feet last 24 Hrs: 217Last CSG Depth: 2110 Size: 9.625

MUD DATA

Mud Type W.B. Weight: 8.8 Viscosity: 46 PV: 8 YP: 18 WL: 6.8
Gels: 3/10/11 % Oil: 0 % Solid: 3 % Sand: 1 PH: 8 CL: 26000

BIT DATA

No.	Bit Size	Mfr	Type	Serial No.	Noz. or TFA	Gauge Length	Cum. Footage	Cum. Hours	Depth Out	DULL CONDITION							
										IR	OR	DC	LOC	B/S	G/16	OC	RPLD
2	7 7/8	SMITH	M616	JW 0311	6x14	1"	217	6.5		1	1	NO	A	X	I	CT	TD

MOTOR DATA / RUN DATA

BHA No.	Size	Type	Deflection		Serial Number	Avg Diff. Press.	Drill Hrs. Today	Drill Hrs. Accum.	Circ. Hrs. Today	Circ. Hrs. Accum.	Depth In	Depth Out
			Tool	Angle								
3	6 1/2	M1XL		0	ND 441	333.3	6.5	6.5	0.8	0.8	3600	

PUMP DATA

Pump #	Liner X Stroke	Gal. / Stroke	Max Allowable SPP

TARGET DESCRIPTION / DETAILS

TIME BREAKDOWN

From	HRS	Code	Description
1:15	0.5	ONC	Other Non-circulating
			P/U Tools-Scribe
1:45	14.917	TI	Tripping In (From Surface)
			TIH - Kelly Up
16:40	0.1667	CIRC	Circulate
			Fill Pipe/Circ
16:50	0.0833	ROT	Rotary Drill fr: 3600 to 3605
16:55	0.0833	SVC	Survey Circulating
			c/s
17:00	0.8333	ROT	Rotary Drill fr: 3605 to 2636
17:50	0.0833	SVC	Survey Circulating
			c/s
17:55	0.75	ROT	Rotary Drill fr: 2636 to 3668
18:40	0.0833	SVC	Survey Circulating
			c/s
18:45	0.4167	SLID	Slide Drill fr: 3668 to 3678
19:10	0.5833	ROT	Rotary Drill fr: 3678 to 3700
19:45	0.0833	SVC	Survey Circulating
			c/s

24 Hr Summary: Drlg F/ 3600'-3817'

Proj svy at 0:00: _____

Proj svy at 24:00: _____

Bottom Hole Temp. (F), Circulating: 92

Formation Name/Depth: _____

Remarks:

Turn hole SW & Build to 25 deg. @ TDBHI DIRECTIONAL REP: Dave Carrico, Michael Stanley

BHI MWD REP.: _____

COMPANY REP.: Dave MooreDAILY COST: \$8,300.00CUMMULATIVE COST: \$79,050.00BHI JOB #: 1242573**RECEIVED****FEB 22 2007**

DIV. OF OIL, GAS & MINING



DAILY DRILLING REPORT

No: 8 Date: 9/30/2006

INTEQ

Company: Cabot Oil & Gas Corp.Field: San Juan CountyCounty/Block/Parish: San JuanDepth: 3817 Feet last 24 Hrs: 217Well Name & No.: Bull Horn Federal 10-21-30-25Rig Contractor & No.: United Drilling Rig 5BHA No(s) Today: 3Last CSG Depth: 2110 Size: 9.625

19:50	0.5833	SLID	Slide Drill fr: 3700 to 3712
20:25	0.75	ROT	Rotary Drill fr: 3712 to 3732
21:10	0.0833	SVC	Survey Circulating c/s
21:15	0.4167	SLID	Slide Drill fr: 3732 to 3747
21:40	0.4167	ROT	Rotary Drill fr: 3747 to 3763
22:05	0.1667	SVC	Survey Circulating c/s
22:15	0.9167	ROT	Rotary Drill fr: 3763 to 3795
23:10	0.0833	SVC	Survey Circulating c/s
23:15	0.3333	SLID	Slide Drill fr: 3795 to 3807
23:35	0.4167	ROT	Rotary Drill fr: 3807 to 3817

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DIV. OF OIL, GAS & MINING



DAILY DRILLING REPORT

No: 9 Date: 10/1/2006

INTEQ

Company: Cabot Oil & Gas Corp.

Well Name & No.: Bull Horn Federal 10-21-30-25

Field: San Juan County

Rig Contractor & No.: United Drilling Rig 5

County/Block/Parish: San Juan

BHA No(s) Today: 3

Depth: 4366 Feet last 24 Hrs: 549

Last CSG Depth: 2110 Size: 9.625

MUD DATA

Mud Type W.B. Weight: 8.8 Viscosity: 46 PV: 8 YP: 18 WL: 6.8
Gels: 3/10/11 % Oil: 0 % Solid: 3 % Sand: 1 PH: 8 CL: 26000

BIT DATA

No.	Bit Size	Mfr	Type	Serial No.	Noz. or TFA	Gauge Length	Cum. Footage	Cum. Hours	Depth Out	DULL CONDITION							
										IR	OR	DC	LOC	B/S	G/16	OC	RPLD
2	7 7/8	SMITH	M616	JW 0311	6x14	1"	766	28.833		1	1	NO	A	X	I	CT	TD

MOTOR DATA / RUN DATA

BHA No.	Size	Type	Deflection		Serial Number	Avg Diff. Press.	Drill Hrs. Today	Drill Hrs. Accum.	Circ. Hrs. Today	Circ. Hrs. Accum.	Depth In	Depth Out
			Tool	Angle								
3	6 1/2	M1XL		0	ND 441	328.4	22.3	28.8	1.6	2.4	3600	

PUMP DATA

Pump #	Liner X Stroke	Gal. / Stroke	Max Allowable SPP

TARGET DESCRIPTION / DETAILS

TIME BREAKDOWN

From	HRS	Code	Description
0:00	0.5833	ROT	Rotary Drill fr: 3817 to 3827
0:35	0.0833	SVC	Survey Circulating
			c/s
0:40	0.5833	SLID	Slide Drill fr: 3827 to 3839
1:15	0.75	ROT	Rotary Drill fr: 3839 to 3858
2:00	0.0833	SVC	Survey Circulating
			c/s
2:05	0.75	SLID	Slide Drill fr: 3858 to 3870
2:50	1.5833	ROT	Rotary Drill fr: 3870 to 3922
4:25	0.0833	SVC	Survey Circulating
			c/s
4:30	0.6667	SLID	Slide Drill fr: 3922 to 3932
5:10	0.8333	ROT	Rotary Drill fr: 3932 to 3953
6:00	0.0833	SVC	Survey Circulating
			c/s
6:05	1	SLID	Slide Drill fr: 3953 to 3968

24 Hr Summary: Drig F/ 3817'-4366'

Proj svy at 0:00:

Proj svy at 24:00:

Bottom Hole Temp. (F), Circulating: 92

Formation Name/Depth:

Remarks:

BHI DIRECTIONAL REP: Dave Carrico, Michael Stanley

BHI MWD REP.:

COMPANY REP.: Dave Moore

DAILY COST: \$8,300.00

CUMMULATIVE COST: \$87,350.00

BHI JOB #: 1242573

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DIV. OF OIL, GAS & MINING



DAILY DRILLING REPORT

No: 9 Date: 10/1/2006

INTEQ

Company: Cabot Oil & Gas Corp.Well Name & No.: Bull Horn Federal 10-21-30-25Field: San Juan CountyRig Contractor & No.: United Drilling Rig 5County/Block/Parish: San JuanBHA No(s) Today: 3Depth: 4366 Feet last 24 Hrs: 549Last CSG Depth: 2110 Size: 9.625

7:05	0.5833	ROT	Rotary Drill fr: 3968 to 3985
7:40	0.0833	SVC	Survey Circulating
			c/s
7:45	0.8333	SLID	Slide Drill fr: 3985 to 3995
8:35	0.5	ROT	Rotary Drill fr: 3995 to 4017
9:05	0.1667	SVC	Survey Circulating
			c/s
9:15	0.4167	SLID	Slide Drill fr: 4017 to 4029
9:40	0.5	ROT	Rotary Drill fr: 4029 to 4049
10:10	0.0833	SVC	Survey Circulating
			c/s
10:15	0.5833	SLID	Slide Drill fr: 4049 to 4059
10:50	0.5	ROT	Rotary Drill fr: 4059 to 4080
11:20	0.0833	SVC	Survey Circulating
			c/s
11:25	0.6667	SLID	Slide Drill fr: 4080 to 4092
12:05	0.5	ROT	Rotary Drill fr: 4092 to 4112
12:35	0.0833	SVC	Survey Circulating
			c/s
12:40	0.5	SLID	Slide Drill fr: 4112 to 4122
13:10	0.4167	ROT	Rotary Drill fr: 4122 to 4144
13:35	0.0833	SVC	Survey Circulating
			c/s
13:40	0.4167	SLID	Slide Drill fr: 4144 to 4154
14:05	0.5	ROT	Rotary Drill fr: 4154 to 4176
14:35	0.1667	RIGS	Rig Service
14:45	0.0833	SVC	Survey Circulating
			c/s
14:50	0.3333	SLID	Slide Drill fr: 4176 to 4178
15:10	0.8333	ROT	Rotary Drill fr: 4178 to 4207
16:00	0.0833	SVC	Survey Circulating
			c/s
16:05	1	SLID	Slide Drill fr: 4207 to 4219
17:05	0.75	ROT	Rotary Drill fr: 4219 to 4239

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Page 2 of 3

FEB 2 2 2007

DIV. OF OIL, GAS & MINING



DAILY DRILLING REPORT

No: 9 Date: 10/1/2006

INTEQ

Company: Cabot Oil & Gas Corp.Well Name & No.: Bull Horn Federal 10-21-30-25Field: San Juan CountyRig Contractor & No.: United Drilling Rig 5County/Block/Parish: San JuanBHA No(s) Today: 3Depth: 4366 Feet last 24 Hrs: 549Last CSG Depth: 2110 Size: 9.625

17:50	0.0833	SVC	Survey Circulating
			c/s
17:55	0.9167	SLID	Slide Drill fr: 4239 to 4249
18:50	0.9167	ROT	Rotary Drill fr: 4249 to 4271
19:45	0.0833	SVC	Survey Circulating
			c/s
19:50	0.75	SLID	Slide Drill fr: 4271 to 4283
20:35	0.5833	ROT	Rotary Drill fr: 4283 to 4303
21:10	0.0833	SVC	Survey Circulating
			c/s
21:15	0.6667	ROT	Rotary Drill fr: 4303 to 4334
21:55	0.0833	SVC	Survey Circulating
			c/s
22:00	1.0833	SLID	Slide Drill fr: 4334 to 4346
23:05	0.8333	ROT	Rotary Drill fr: 4346 to 4366
23:55	0.0833	SVC	Survey Circulating
			c/s
23:55	0.0833	SVC	Survey Circulating
			c/s

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Page 3 of 3

DIV. OF OIL, GAS & MINING



DAILY DRILLING REPORT

No: 10 Date: 10/2/2006

INTEQ

Company: Cabot Oil & Gas Corp.Well Name & No.: Bull Horn Federal 10-21-30-25Field: San Juan CountyRig Contractor & No.: United Drilling Rig 5County/Block/Parish: San JuanBHA No(s) Today: 3Depth: 4528 Feet last 24 Hrs: 162Last CSG Depth: 2110 Size: 9.625

MUD DATA

Mud Type W.B. Weight: 8.8 Viscosity: 46 PV: 8 YP: 18 WL: 6.8
Gels: 3/10/11 % Oil: 0 % Solid: 3 % Sand: 1 PH: 8 CL: 26000

BIT DATA

No.	Bit Size	Mfr	Type	Serial No.	Noz. or TFA	Gauge Length	Cum. Footage	Cum. Hours	Depth Out	DULL CONDITION							
										IR	OR	DC	LOC	B/S	G/16	OC	RPLD
2	7 7/8	SMITH	M616	JW 0311	6x14	1"	928	34.417	4528	1	1	NO	A	X	I	CT	TD

MOTOR DATA / RUN DATA

BHA No.	Size	Type	Deflection		Serial Number	Avg Diff. Press.	Drill Hrs. Today	Drill Hrs. Accum.	Circ. Hrs. Today	Circ. Hrs. Accum.	Depth In	Depth Out
			Tool	Angle								
3	6 1/2	M1XL		0	ND 441	329.4	5.6	34.4	2.2	4.6	3600	4528

PUMP DATA

Pump #	Liner X Stroke	Gal. / Stroke	Max Allowable SPP

TARGET DESCRIPTION / DETAILS

TIME BREAKDOWN

From	HRS	Code	Description
0:00	0.8333	ROT	Rotary Drill fr: 4366 to 4398
0:50	0.0833	SVC	Survey Circulating
			c/s
0:55	0.75	SLID	Slide Drill fr: 4398 to 4413
1:40	0.75	ROT	Rotary Drill fr: 4413 to 4429
2:25	0.0833	SVC	Survey Circulating
			c/s
2:30	0.8333	ROT	Rotary Drill fr: 4429 to 4461
3:20	0.0833	SVC	Survey Circulating
			c/s
3:25	0.6667	SLID	Slide Drill fr: 4461 to 4473
4:05	0.8333	ROT	Rotary Drill fr: 4473 to 4493
4:55	0.0833	SVC	Survey Circulating
			c/s
5:00	0.9167	ROT	Rotary Drill fr: 4493 to 4528
5:55	0.0833	SVC	Survey Circulating
			c/s

24 Hr Summary: DRLG F-4366'-TDProj svy at 0:00: Proj svy at 24:00: NONE ENTEREDBottom Hole Temp. (F), Circulating: 92Formation Name/Depth: Remarks: BHI DIRECTIONAL REP: Dave Carrico, Michael StanleyBHI MWD REP.: COMPANY REP.: Dave MooreDAILY COST: \$8,300.00CUMMULATIVE COST: \$95,650.00BHI JOB #: 1242573**RECEIVED**

Page 1 of 2

FEB 2 2 2007

DIV. OF OIL, GAS & MINING



DAILY DRILLING REPORT

No: 10 Date: 10/2/2006

INTEQ

Company: Cabot Oil & Gas Corp.

Well Name & No.: Bull Horn Federal 10-21-30-25

Field: San Juan County

Rig Contractor & No.: United Drilling Rig 5

County/Block/Parish: San Juan

BHA No(s) Today: 3

Depth: 4528 Feet last 24 Hrs: 162

Last CSG Depth: 2110 Size: 9.625

6:00	0.75	CIRC	Circulate
6:45	2	ST	Short Tripping
			tooh
8:45	1.5	ST	Short Tripping
			tih
10:15	1	CIRC	Circulate
11:15	3.75	TO	Tripping Out (To Surface)
			TOH, L/D Tools

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Page 2 of 2

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DIV. OF OIL, GAS & MINING



DAILY DRILLING REPORT

No: 1 Date: 9/23/2006

INTEQ

Company: Cabot Oil & Gas Corp.Well Name & No.: Bull Horn Federal 10-21-30-25Field: San Juan CountyRig Contractor & No.: United Drilling Rig 5County/Block/Parish: San JuanBHA No(s) Today: 1Depth: 453 Feet last 24 Hrs: 413Last CSG Depth: _____ Size: 0

21:40	0.8333	ROT	Rotary Drill fr: 349 to 410
22:30	0.5	SVC	Survey Circulating
			Connections & survey @ 361
23:00	0.1667	SLID	Slide Drill fr: 410 to 420
23:10	0.8333	ROT	Rotary Drill fr: 420 to 453

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Page 2 of 2

FEB 22 2007

DIV OF OIL GAS & MINING



INTEQ

DRILLING PARAMETERS RECORDCompany: Cabot Oil & Gas Corp.Well Name No.: Bull Horn Federal 10-21-30-25Field: San Juan CountyRig Contractor No.: United Drilling Rig 5County/Block/Parish: San Juan

Date	Depth From	Depth To	Ftg. Drilled	Mode S/R	Drig. Hrs.	ROP	WOB (Klbs)	Rot RPM	Rot Tq	TFO	Flow Rate	Diff Pres	Temp.	SPP	BHA No.
9/23/2006	40	169	129	R	4.333	29.77	5	40			600	200		900	1
9/23/2006	169	229	60	R	0.833	72	5	40			660	200		1200	1
9/23/2006	229	289	60	R	1	60	5	40			660	200		1200	1
9/23/2006	289	349	60	R	0.833	72	5	40			660	200		1200	1
9/23/2006	349	410	61	R	0.833	73.20	5	40			660	200		1200	1
9/23/2006	410	420	10	O	0.167	60	10			85M	660	400		1500	1
9/23/2006	420	453	33	R	0.833	39.60	5	40			660	200		1200	1
9/24/2006	453	470	17	R	0.333	51	5	40			660	200		1200	1
9/24/2006	470	529	59	R	1	59	5	40			660	200		1200	1
9/24/2006	529	590	61	R	1.333	45.75	5	40			660	200		1200	1
9/24/2006	590	602	12	O	0.25	48	10			90M	660	400		1500	1
9/24/2006	602	650	48	R	1.5	32	5	40			660	200		1200	1
9/24/2006	650	710	60	R	1	60	10	40			550	500		1600	1
9/24/2006	710	770	60	R	1.167	51.43	10	40			500	200	74	1600	1
9/24/2006	770	831	61	R	1.417	43.06	10	40			500	200	74	1600	1
9/24/2006	831	897	66	R	1	66	10	40			500	200	74	1600	1
9/24/2006	897	917	20	O	0.25	80	12			345M	500	100	74	1500	1
9/24/2006	917	924	7	R	0.25	28	10	40			500	200	74	1600	1
9/24/2006	924	939	15	O	0.333	45	20			330M	500	150	74	1550	1
9/24/2006	939	956	17	R	0.333	51	15	40			500	200	74	1600	1
9/24/2006	956	971	15	O	0.333	45	12			315M	500	150	74	1650	1
9/24/2006	971	988	17	R	0.333	51	15	40			500	200	74	1600	1
9/24/2006	988	1003	15	O	0.167	90	12			330M	500	150	74	1650	1
9/24/2006	1003	1019	16	R	0.5	32	15	40			500	200	74	1600	1
9/24/2006	1019	1034	15	O	0.417	36	25			325M	500	150	74	1650	1
9/24/2006	1034	1051	17	R	0.417	40.8	15	40			475	150	74	1500	1
9/24/2006	1051	1066	15	O	0.333	45	27			340M	475	150	74	1650	1
9/24/2006	1066	1083	17	R	0.333	51	15	40			475	150	74	1500	1
9/24/2006	1083	1098	15	O	0.25	60	18			315M	475	150	74	1650	1
9/24/2006	1098	1115	17	R	0.333	51	15	40			475	150	74	1500	1
9/24/2006	1115	1130	15	O	0.167	90	13			315M	475	150	74	1650	1
9/24/2006	1130	1146	16	R	0.333	48	15	40			475	150	74	1500	1
9/24/2006	1146	1161	15	O	0.25	60	13			45R	475	150	74	1650	1
9/24/2006	1161	1178	17	R	0.417	40.8	15	40			475	150	74	1500	1
9/24/2006	1178	1193	15	O	0.333	45	13			50R	475	150	74	1650	1
9/24/2006	1193	1210	17	R	0.667	25.5	15	40			475	150	74	1500	1
9/24/2006	1210	1225	15	O	0.25	60	13			30R	475	150	74	1650	1
9/24/2006	1225	1241	16	R	0.417	38.40	15	40			475	150	74	1500	1
9/25/2006	1241	1256	15	O	0.167	90	13			25R	475	150	74	1650	1
9/25/2006	1256	1273	17	R	0.583	29.14	15	40			475	150	74	1500	1
9/25/2006	1273	1288	15	O	0.25	60	13			20R	475	150	74	1650	1
9/25/2006	1288	1305	17	R	0.75	22.67	15	40			475	150	74	1500	1
9/25/2006	1305	1320	15	O	0.25	60	13			30R	475	150	74	1650	1
9/25/2006	1320	1337	17	R	0.5	34	15	40			475	150	74	1500	1

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Page 1 of 5

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DIV. OF OIL, GAS & MINING



INTEQ

DRILLING PARAMETERS RECORD

Company: Cabot Oil & Gas Corp.
 Field: San Juan County
 County/Block/Parish: San Juan

Well Name No.: Bull Horn Federal 10-21-30-25
 Rig Contractor No.: United Drilling Rig 5

Date	Depth From	Depth To	Ftg. Drilled	Mode S/R	Drig. Hrs.	ROP	WOB (Klbs)	Rot RPM	Rot Tq	TFO	Flow Rate	Diff Pres	Temp.	SPP	BHA No.
9/25/2006	1337	1352	15	O	0.25	60	13			25R	475	150	74	1650	1
9/25/2006	1352	1368	16	R	0.583	27.43	15	40			475	150	74	1500	1
9/25/2006	1368	1383	15	O	0.25	60	13			HS	475	150	74	1650	1
9/25/2006	1383	1400	17	R	0.917	18.55	15	40			475	150	74	1500	1
9/25/2006	1400	1415	15	O	0.167	90	13			HS	475	150	74	1650	1
9/25/2006	1415	1432	17	R	0.5	34	15	40			475	150	74	1500	1
9/25/2006	1432	1447	15	O	0.167	90	13			HS	475	150	74	1650	1
9/25/2006	1447	1463	16	R	0.583	27.43	15	40			475	150	74	1500	1
9/25/2006	1463	1478	15	O	0.25	60	10			10L	475	150	74	1650	1
9/25/2006	1478	1495	17	R	0.417	40.8	10	40			475	150	74	1500	1
9/25/2006	1495	1510	15	O	0.167	90	16			5L	475	150	74	1650	1
9/25/2006	1510	1527	17	R	0.5	34	10	40			475	150	74	1550	1
9/25/2006	1527	1542	15	O	0.333	45	10			5L	475	150	74	1650	1
9/25/2006	1542	1559	17	R	0.583	29.14	10	40			475	150	74	1650	1
9/25/2006	1559	1574	15	O	0.417	36	10			10L	475	150	74	1650	1
9/25/2006	1574	1590	16	R	0.583	27.43	10	40			475	150	74	1650	1
9/25/2006	1590	1622	32	R	0.583	54.86	10	40			475	150	74	1650	1
9/25/2006	1622	1654	32	R	0.667	48	10	40			475	150	74	1650	1
9/25/2006	1654	1717	63	R	1.5	42	10	40			475	150	74	1650	1
9/25/2006	1717	1732	15	O	1.25	12	18			135L	475	150	74	1650	1
9/25/2006	1732	1780	48	R	1.917	25.04	10	40			475	150	74	1650	1
9/25/2006	1780	1795	15	O	0.917	16.36	18			110L	475	150	74	1650	1
9/25/2006	1795	1844	49	R	1.583	30.95	10	40			475	150	74	1650	1
9/25/2006	1844	1854	10	O	0.5	20	18			100L	475	150	74	1650	1
9/25/2006	1854	1907	53	R	1.5	35.33	10	40			475	150	74	1650	1
9/25/2006	1907	1970	63	R	1	63	10	40			475	150	74	1650	1
9/26/2006	1970	1971	1	R	0.083	12	10	40			475	150	74	1650	1
9/26/2006	1971	1984	13	O	0.583	22.29	18			115L	475	150	74	1650	1
9/26/2006	1984	2034	50	R	1.75	28.57	10	40			475	150	74	1650	1
9/26/2006	2034	2049	15	O	1.083	13.85	18			135L	475	150		1650	1
9/26/2006	2049	2098	49	R	2.333	21	20	40			475	150	84	1650	1
9/26/2006	2098	2112	14	R	0.5	28	20	40			475	150	84	1650	1

Mode	Footage:	Drig Hrs	Circ Hrs	ROP	WOB (Klbs)	Rot RPM	Rot Tq	Flow Rate	Avg Diff	SPP
Sliding	425	10.5	*****	40.5	14.7			492.1	165.5	1631.0
Rotating	1647	41.7	*****	39.5	11.2	40.0		518.4	175.5	1489.4
Total	2072	52.2	12.6	39.7	12.5	40.0	0.0	508.4	171.7	1543.4

9/27/2006	2064	2110	46	R	0.833	55.20	4	10			350	200	84	1000	2
9/27/2006	2110	2120	10	R	0.667	15	4	10			350	200	84	1000	2
9/28/2006	2120	2178	58	R	1	58	7	20			350	150	84	1050	2
9/28/2006	2178	2242	64	R	1.167	54.86	7	30			350	200	84	1100	2
9/28/2006	2242	2257	15	O	0.333	45	9			115R	340	200		1100	2
9/28/2006	2257	2273	16	R	0.667	24	7	30			350	200	84	1100	2
9/28/2006	2273	2283	10	O	0.083	120	10			115R	325	150		1050	2

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Page 2 of 5

FEB 22 2007

DIV. OF OIL, GAS & MINING



INTEQ

DRILLING PARAMETERS RECORDCompany: Cabot Oil & Gas Corp.Well Name No.: Bull Horn Federal 10-21-30-25Field: San Juan CountyRig Contractor No.: United Drilling Rig 5County/Block/Parish: San Juan

Date	Depth From	Depth To	Ftg. Drilled	Mode S/R	Drig. Hrs.	ROP	WOB (Klbs)	Rot RPM	Rot Tq	TFO	Flow Rate	Diff Pres	Temp.	SPP	BHA No.
9/28/2006	2283	2305	22	R	0.667	33	7	30			325	200	84	1000	2
9/28/2006	2305	2317	12	O	0.167	72	14			135R	325	500	84	1300	2
9/28/2006	2317	2337	20	R	0.5	40	7	30			325	200	84	1000	2
9/28/2006	2337	2347	10	O	0.167	60	10			170R	325	300	84	1100	2
9/28/2006	2347	2369	22	R	0.417	52.80	7	30			325	200	84	1000	2
9/28/2006	2369	2379	10	O	0.25	40	10			105R	325	300	84	1100	2
9/28/2006	2379	2400	21	R	0.5	42	7	30			325	200	84	1000	2
9/28/2006	2400	2410	10	O	0.167	60	10			90R	325	300	84	1100	2
9/28/2006	2410	2432	22	R	0.583	37.71	7	30			325	200	84	1000	2
9/28/2006	2432	2447	15	O	0.25	60	10			60R	325	300	84	1100	2
9/28/2006	2447	2463	16	R	0.5	32	7	30			325	200	84	1000	2
9/28/2006	2463	2483	20	O	0.417	48	13			65R	325	300	84	1100	2
9/28/2006	2483	2495	12	R	0.5	24	7	30			325	200	84	1000	2
9/28/2006	2495	2505	10	O	0.417	24	12			75R	325	300	84	1100	2
9/28/2006	2505	2527	22	R	0.333	66	7	30			325	200	84	1000	2
9/28/2006	2527	2540	13	O	0.417	31.20	10			90R	325	300	84	1100	2
9/28/2006	2540	2559	19	R	0.25	76	7	30			325	200	84	1000	2
9/28/2006	2559	2574	15	O	0.333	45	7			145R	325	300	84	1100	2
9/28/2006	2574	2590	16	R	0.333	48	7	30			325	200	84	1000	2
9/28/2006	2590	2605	15	O	0.417	36	10			145R	325	300	84	1100	2
9/28/2006	2605	2622	17	R	0.417	40.8	7	30			325	200	84	1000	2
9/28/2006	2622	2637	15	O	0.25	60	10			135R	325	300	84	1100	2
9/28/2006	2637	2654	17	R	0.417	40.8	7	30			325	200	84	1000	2
9/28/2006	2654	2668	14	O	0.333	42	7			135R	325	200	84	1000	2
9/28/2006	2668	2685	17	R	0.333	51	7	30			325	200	84	1000	2
9/28/2006	2685	2700	15	O	0.25	60	7			135R	325	200	84	1000	2
9/28/2006	2700	2717	17	R	0.25	68	7	30			325	200	84	1000	2
9/28/2006	2717	2732	15	O	0.417	36	7			145R	325	200	84	1000	2
9/28/2006	2732	2748	16	R	0.417	38.40	7	30			325	200	84	1000	2
9/28/2006	2748	2760	12	O	0.25	48	7			125R	325	200	84	1000	2
9/28/2006	2760	2780	20	R	0.583	34.29	7	30			325	200	84	1000	2
9/28/2006	2780	2792	12	O	0.25	48	7			150R	325	200	84	1000	2
9/28/2006	2792	2812	20	R	0.5	40	7	30			325	200	84	1000	2
9/28/2006	2812	2822	10	O	0.417	24	7			160R	325	200	84	1000	2
9/28/2006	2822	2844	22	R	0.5	44	7	30			325	200	84	1000	2
9/28/2006	2844	2876	32	R	0.583	54.86	7	30			325	200	84	1000	2
9/28/2006	2876	2884	8	O	0.333	24	7			220M	325	200	84	1000	2
9/28/2006	2884	2907	23	R	0.583	39.43	7	30			325	200	84	1000	2
9/29/2006	2849	3002	153	R	1.833	83.45	7	30			325	200	84	1000	2
9/29/2006	2907	2939	32	R	0.75	42.67	7	30			325	200	84	1000	2
9/29/2006	2939	2849	-90	O	0.167	-540	7			110M	325	200	84	1000	2
9/29/2006	3002	3017	15	O	0.333	45	7			60M	325	200	84	1000	2
9/29/2006	3017	3066	49	R	1.083	45.23	7	30			325	200	84	1000	2
9/29/2006	3066	3129	63	R	1.25	50.40	7	30			325	200	84	1000	2

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Page 3 of 5

FEB 22 2007

DIV. OF OIL, GAS & MINING



DRILLING PARAMETERS RECORD

INTEQ

Company: Cabot Oil & Gas Corp.

Well Name No.: Bull Horn Federal 10-21-30-25

Field: San Juan County

Rig Contractor No.: United Drilling Rig 5

County/Block/Parish: San Juan

Date	Depth From	Depth To	Ftg. Drilled	Mode S/R	Drig. Hrs.	ROP	WOB (Klbs)	Rot RPM	Rot Tq	TFO	Flow Rate	Diff Pres	Temp.	SPP	BHA No.
9/29/2006	3129	3193	64	R	1.25	51.20	7	30			325	200	84	1000	2
9/29/2006	3193	3256	63	R	1	63	7	30			325	200	84	1000	2
9/29/2006	3256	3319	63	R	1	63	7	30			325	350	92	1300	2
9/29/2006	3319	3383	64	R	1.5	42.67	7	30			325	350	92	1300	2
9/29/2006	3383	3398	15	O	0.5	30	10			75M	325	300	92	1200	2
9/29/2006	3398	3446	48	R	0.667	72	7	30			325	350	92	1300	2
9/29/2006	3446	3510	64	R	0.917	69.82	7	30			325	350	92	1300	2
9/29/2006	3510	3573	63	R	1	63	7	30			325	350	92	1300	2
9/29/2006	3573	3588	15	O	0.5	30	14			60M	325	300	92	1300	2
9/29/2006	3588	3600	12	R	0.417	28.80	7	30			325	350	92	1300	2

Mode	Footage:	Drig Hrs	Circ Hrs	ROP	WOB (Klbs)	Rot RPM	Rot Tq	Flow Rate	Avg Diff	SPP
Sliding	211	7.4	*****	28.4	9.3			325.6	260.4	1081.3
Rotating	1325	26.2	*****	50.6	6.8	28.6		328.4	223.0	1055.4
Total	1536	33.6	8.8	45.7	7.8	28.6	0.0	327.3	237.7	1065.6

9/30/2006	2636	3668	1032	R	0.75	1376	7	30			325	350	92	1300	3
9/30/2006	3600	3605	5	R	0.083	60	7	30			325	350	92	1300	3
9/30/2006	3605	2636	-969	R	0.833	-1160	7	30			325	350	92	1300	3
9/30/2006	3668	3678	10	O	0.417	24	14			230M	325	300	92	1300	3
9/30/2006	3678	3700	22	R	0.583	37.71	7	30			325	350	92	1300	3
9/30/2006	3700	3712	12	O	0.583	20.57	14			225M	325	300	92	1300	3
9/30/2006	3712	3732	20	R	0.75	26.67	7	30			325	350	92	1300	3
9/30/2006	3732	3747	15	O	0.417	36	14			230M	325	300	92	1300	3
9/30/2006	3747	3763	16	R	0.417	38.40	7	30			325	350	92	1300	3
9/30/2006	3763	3795	32	R	0.917	34.91	7	30			325	350	92	1300	3
9/30/2006	3795	3807	12	O	0.333	36	14			15R	325	300	92	1300	3
9/30/2006	3807	3817	10	R	0.417	24	7	30			325	350	92	1300	3
10/1/2006	3817	3827	10	R	0.583	17.14	7	30			325	350	92	1300	3
10/1/2006	3827	3839	12	O	0.583	20.57	14			30R	325	300	92	1300	3
10/1/2006	3839	3858	19	R	0.75	25.33	7	30			325	350	92	1300	3
10/1/2006	3858	3870	12	O	0.75	16	14			30R	325	300	92	1300	3
10/1/2006	3870	3922	52	R	1.583	32.84	7	30			325	350	92	1300	3
10/1/2006	3922	3932	10	O	0.667	15	14			35R	325	300	92	1300	3
10/1/2006	3932	3953	21	R	0.833	25.20	7	30			325	350	92	1300	3
10/1/2006	3953	3968	15	O	1	15	14			35R	325	300	92	1300	3
10/1/2006	3968	3985	17	R	0.583	29.14	7	30			325	350	92	1300	3
10/1/2006	3985	3995	10	O	0.833	12	14			35R	325	300	92	1300	3
10/1/2006	3995	4017	22	R	0.5	44	7	30			325	350	92	1300	3
10/1/2006	4017	4029	12	O	0.417	28.80	14			35R	325	300	92	1300	3
10/1/2006	4029	4049	20	R	0.5	40	7	30			325	350	92	1300	3
10/1/2006	4049	4059	10	O	0.583	17.14	14			35R	325	300	92	1300	3
10/1/2006	4059	4080	21	R	0.5	42	7	30			325	350	92	1300	3
10/1/2006	4080	4092	12	O	0.667	18	14			35R	325	300	92	1300	3
10/1/2006	4092	4112	20	R	0.5	40	7	30			325	350	92	1300	3

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FEB 22 2007



INTEQ

DRILLING PARAMETERS RECORDCompany: Cabot Oil & Gas Corp.Well Name No.: Bull Horn Federal 10-21-30-25Field: San Juan CountyRig Contractor No.: United Drilling Rig 5County/Block/Parish: San Juan

Date	Depth From	Depth To	Ftg. Drilled	Mode S/R	Drig. Hrs.	ROP	WOB (Klbs)	Rot RPM	Rot Tq	TFO	Flow Rate	Diff Pres	Temp.	SPP	BHA No.
10/1/2006	4112	4122	10	O	0.5	20	14			35R	325	300	92	1300	3
10/1/2006	4122	4144	22	R	0.417	52.80	7	30			325	350	92	1300	3
10/1/2006	4144	4154	10	O	0.417	24	14			35R	325	300	92	1300	3
10/1/2006	4154	4176	22	R	0.5	44	7	30			325	350	92	1300	3
10/1/2006	4176	4178	2	O	0.333	6	14			35R	325	300	92	1300	3
10/1/2006	4178	4207	29	R	0.833	34.8	7	30			325	350	92	1300	3
10/1/2006	4207	4219	12	O	1	12	14			35R	325	300	92	1300	3
10/1/2006	4219	4239	20	R	0.75	26.67	7	30			325	350	92	1300	3
10/1/2006	4239	4249	10	O	0.917	10.91	14			0	325	300	92	1300	3
10/1/2006	4249	4271	22	R	0.917	24	7	30			325	350	92	1300	3
10/1/2006	4271	4283	12	O	0.75	16	14			0	325	300	92	1300	3
10/1/2006	4283	4303	20	R	0.583	34.29	7	30			325	350	92	1300	3
10/1/2006	4303	4334	31	R	0.667	46.5	7	30			325	350	92	1300	3
10/1/2006	4334	4346	12	O	1.083	11.08	14			0	325	300	92	1300	3
10/1/2006	4346	4366	20	R	0.833	24	7	30			325	350	92	1300	3
10/2/2006	4366	4398	32	R	0.833	38.40	7	30			325	350	92	1300	3
10/2/2006	4398	4413	15	O	0.75	20	14			0	325	300	92	1300	3
10/2/2006	4413	4429	16	R	0.75	21.33	7	30			325	350	92	1300	3
10/2/2006	4429	4461	32	R	0.833	38.40	7	30			325	350	92	1300	3
10/2/2006	4461	4473	12	O	0.667	18	14			0	325	300	92	1300	3
10/2/2006	4473	4493	20	R	0.833	24	7	30			325	350	92	1300	3
10/2/2006	4493	4528	35	R	0.917	38.18	7	30			325	350	92	1300	3

Mode	Footage:	Drig Hrs	Circ Hrs	ROP	WOB (Klbs)	Rot RPM	Rot Tq	Flow Rate	Avg Diff	SPP
Sliding	237	13.7	*****	17.3	14.0			325.0	300.0	1300.0
Rotating	691	20.8	*****	33.3	7.0	30.0		325.0	350.0	1300.0
Total	928	34.4	4.6	27.0	9.9	30.0	0.0	325.0	329.4	1300.0

BHI Job #: 1242573**RECEIVED**

Page 5 of 5

FEB 22 2007

DIV. OF OIL, GAS & MINING

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

ROUTING	
1. DJJ	
2. CDW	

X - Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

10/4/2006

FROM: (Old Operator): N6345-Cabot Oil & Gas Corporation 600 17th St, Suite 900 N Denver, CO 80202 Phone: 1 (303) 226-9400	TO: (New Operator): N2175-Encana Oil & Gas (USA) Inc. 370 17th St, Suite 1700 Denver, CO 80202 Phone: 1 (720) 876-5068
--	--

CA No.

Unit:

BULL HORN

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
BULL HORN FED 10-21-30-25	10	300S	250E	4303731849	15442	Federal	GW	P

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 2/9/2007
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 2/9/2007
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 1/30/2007
- 4a. Is the new operator registered in the State of Utah: YES Business Number: 5053175-0143
- 5a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
- 5b. Inspections of LA PA state/fee well sites complete on: requested
- 5c. Reports current for Production/Disposition & Sundries on:
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM see below BIA
- Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: see below
- Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
- Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 4/11/2007
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 4/11/2007
- Bond information entered in RBDMS on: n/a
- Fee/State wells attached to bond in RBDMS on: n/a
- Injection Projects to new operator in RBDMS on: n/a
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: UT-1005
- Indian well(s) covered by Bond Number: n/a
- 3a. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number n/a
- 3b. The **FORMER** operator has requested a release of liability from their bond on: n/a

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

Well completed 10/4/06. Designation of Agent (FARMOUT) returns to original operator upon completion.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 6

ENTITY ACTION FORM

Operator: EnCana Oil & Gas (USA) Inc.
Address: 370 17th Street, Suite 1700
city Denver
state Co zip 80202

Operator Account Number: N 2175

Phone Number: (720) 878-3678

Well 1

4303731849	BULL HORN 10-21-30-25	NWSW	10	30S	25E	SAN JUAN
C	15442	14393	9/23/2006	4/12/07		
Comments: <i>Cthsa to unit PA eff 1st production</i>						

CONFIDENTIAL

Well 2

Comments:						

Well 3

Comments:						

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

Sheilla D. Reed-High

Name (Please Print)

Sheilla D. Reed-High

Signature

Operations Technologist

4/11/2007

Title

Date

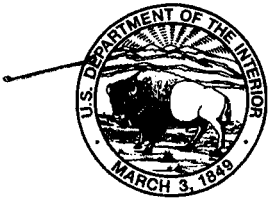
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APR 11 2007

DIV. OF OIL, GAS & MINING

(8/2000)

KM



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
<http://www.blm.gov>



IN REPLY REFER TO:
3180
UT-922

August 1, 2008

Encana Oil & Gas (USA) Inc.
Attn: Emily Conrad
370 17th Street, Suite 1700
Denver, CO 80202

Re: 2nd Revision of the Cutler Formation
and Hermosa Group PA
Bull Horn Unit
San Juan County, Utah

Dear Ms. Conrad:

The 2nd Revision of the Cutler Formation and Hermosa Group PA, Bull Horn Unit, UTU81301A, is hereby approved effective as of October 1, 2006, pursuant to Section 11 of the Bull Horn Unit Agreement, San Juan County, Utah.

The 2nd Revision of the Cutler Formation and Hermosa Group PA, results in the addition of 280.00 acres to the participating area for a total of 800.00 acres and is based upon the completion of Unit Well No. 10-21 with a bottom hole location in the SW $\frac{1}{4}$ NW $\frac{1}{4}$ Section 10, Township 30 South, Range 25 East, API No. 43-037-31849, Unit Tract No. 3, Lease No. UTU73190, as a well capable of producing unitized substances in paying quantities.

Copies of the approved requests are being distributed to the appropriate Federal agencies and one copy is returned herewith. Please advise all interested parties of the approval of the 2nd Revision of the Cutler Formation and Hermosa Group, Bull Horn Unit and its effective date.

Sincerely,

/s/ Becky J. Hammond

Becky J. Hammond
Chief, Branch of Fluid Minerals

Enclosure

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AUG 07 2008

DIV. OF OIL, GAS & MINING

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET (for state use only)

ROUTING

CDW

X - Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

5/14/2010

FROM: (Old Operator):

N2175-EnCana Oil & Gas (USA) Inc.
 370 17th Street, Suite 1700
 Denver, CO 80202
 Phone: 1 (303) 623-2300

TO: (New Operator):

N3670-Patara Oil & Gas, LLC
 333 Clay Street, Suite 3960
 Houston, TX 77002
 Phone: 1 (713) 357-7171

CA No.

Unit:

BULL HORN

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED								

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 5/11/2010
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 5/11/2010
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 5/11/2010
- Is the new operator registered in the State of Utah: Business Number: 7655540-0161
- (R649-9-2) Waste Management Plan has been received on: * * requested 9/27/10
- Inspections of LA PA state/fee well sites complete on: * * requested 9/27/10
- Reports current for Production/Disposition & Sundries on: ok
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM not yet BIA
- Federal and Indian Units:**
 The BLM or BIA has approved the successor of unit operator for wells listed on: 6/28/2010 & 9/2/2010
- Federal and Indian Communization Agreements ("CA"):**
 The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
- Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 6/29/2010
 Lisbon B-816 only

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 9/14/2010
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 9/14/2010
- Bond information entered in RBDMS on: 9/14/2010
- Fee/State wells attached to bond in RBDMS on: 9/14/2010
- Injection Projects to new operator in RBDMS on: 9/14/2010
- Receipt of Acceptance of Drilling Procedures for APD/New on: 5/11/2010

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: UTB000428
- Indian well(s) covered by Bond Number: n/a
- (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number RLB0013207 & B006008
- The **FORMER** operator has requested a release of liability from their bond on: not yet

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: ENCANA OIL & GAS (USA) INC. <i>N2175</i>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 370 17th Street, Suite 1700 CITY Denver STATE CO ZIP 80202 PHONE NUMBER: (303) 623-2300		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: See Attached List COUNTY:		8. WELL NAME and NUMBER:
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: STATE: UTAH		9. API NUMBER:
		10. FIELD AND POOL, OR WILDCAT:

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective May 4, 2010 Patara Oil & Gas LLC, 333 Clay Street, Suite 3960, Houston, TX 77002, will take over completions and operations and is designated as agent operator for the subject wells on the attached list.

Bond coverage for all activities will be covered by Patara's BLM Statewide Oil & Gas Bond No. UTB000428 and UDOGM Bond No. Pending. *RIB0013207 + B006008*

Patara Oil & Gas LLC, Lane M. Kincannon, Vice-President, Land & Business Development *N3670*

Signature *[Signature]* Date 5/4/2010

NAME (PLEASE PRINT) <u>Ricardo D. Gallegos</u>	TITLE <u>Attorney-in-Fact</u>
SIGNATURE <i>[Signature]</i>	DATE <u>5/4/2010</u>

(This space for State use only)

APPROVED 9/14/2010
Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

(See Instructions on Reverse Side)

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May 11 2010 ER
DIV. OF OIL, GAS & MINING

ENCANA O-G (N2175) to PATARA O-G (N3670)
effective May 4, 2010
BULL HORN

well_name	sec	twp	rng	api	entity	lease	well	stat	C
BULL HORN U 10-43	10	300S	250E	4303731831	14393	Federal	GW	S	
BULL HORN FED 9-14-30-25	09	300S	250E	4303731843	14393	Federal	GW	S	
BULL HORN FED 15-14-30-25	15	300S	250E	4303731848	14393	Federal	GW	P	
BULL HORN FED 10-21-30-25	10	300S	250E	4303731849	14393	Federal	GW	P	
BULL HORN FED 10-42-30-25	10	300S	250E	4303731861	14393	Federal	GW	P	
BULL HORN FED 10-31-30-25	10	300S	250E	4303731864	14393	Federal	GW	S	
BULL HORN FED 15-13-30-25	15	300S	250E	4303731891		Federal	GW	APD	
BULL HORN FED 9-24-30-25	09	300S	250E	4303731894		Federal	GW	APD	C



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
<http://www.blm.gov/ut/st/en.html>



IN REPLY REFER TO
3180
UT-922

September 2, 2010

Robert G. Davis, CPL
Patara Oil & Gas, LLC.
600 17th Street, Suite 1900 S
Denver, CO 80202

Re: Successor Operator
Bull Horn Unit UTU81301X
San Jaun County, Utah

Dear Mr. Davis:

On August 30, 2010, we received an indenture dated May 4, 2010, whereby EnCana Oil & Gas (USA), Inc. resigned as Unit Operator and Patara Oil & Gas, LLC was designated as Successor Unit Operator for the Bull Horn Unit, San Juan County, Utah. The indenture was executed by both parties and the signatory parties (working interest owners) have complied with Sections 5 and 6 of the unit agreement.

The instrument is hereby approved effective September 2, 2010. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Bull Horn Unit Agreement.

Your statewide oil and gas bond, BLM Bond No. UTB000428 will be used to cover unit operations.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate Field Office, with the remaining copies returned herewith.

If you have any questions regarding this matter, please contact Leslie Wilcken of this office at (801) 539-4112.

Sincerely,

/s/ Roger L. Bankert

Roger L. Bankert
Chief, Branch of Minerals

RECEIVED
SEP 07 2010

DIV. OF OIL, GAS & MINING

Enclosure

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET (for state use only)

ROUTING
CDW

X - Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

11/1/2012

FROM: (Old Operator): N3670- Patara Oil & Gas, LLC 600 17th Street, Suite 1900S Denver, CO 80202 Phone: 1 (303) 825-0685	TO: (New Operator): N3645- CCI Paradox Upstream, LLC 600 17th Street, Suite 1900S Denver, CO 80202 Phone: 1 (303) 825-0685
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CA No.				Unit:	Bull Horn			
WELL NAME	SEC TWN RNG			API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
See Attached List								

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 1/23/2013
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 2/7/2013
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/12/2013
- a. Is the new operator registered in the State of Utah: Business Number: 8523441-0161
- 5a. (R649-9-2)Waste Management Plan has been received on: Not Yet
- 5b. Inspections of LA PA state/fee well sites complete on: N/A
- 5c. Reports current for Production/Disposition & Sundries on: 2/12/2013
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM Not Yet BIA N/A
- Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: Not Yet
- Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
- Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to **Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 2/12/2013
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/12/2013
- Bond information entered in RBDMS on: 2/7/2013
- Fee/State wells attached to bond in RBDMS on: 2/12/2013
- Injection Projects to new operator in RBDMS on: N/A
- Receipt of Acceptance of Drilling Procedures for APD/New on: 2/4/2013

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: 105865919
- Indian well(s) covered by Bond Number: N/A
- 3a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 105865922
- 3b. The **FORMER** operator has requested a release of liability from their bond on: N/A

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

COMMENTS:

Patara Oil Gas, LLC (N3670) to CCI Paradox Upstream, LLC (N3945)
Effective 11/1/2012
Bull Horn Unit

Well Name	Section	TWN	RNG	API Number	Entity	Lease Type	Well Type	Well Status
BULL HORN FED 9-14-30-25	09	300S	250E	4303731843	14393	Federal	GW	P
BULL HORN FED 10-21-30-25	10	300S	250E	4303731849	14393	Federal	GW	P
BULL HORN FED 10-42-30-25	10	300S	250E	4303731861	14393	Federal	GW	P
BULL HORN FED 10-31-30-25	10	300S	250E	4303731864	14393	Federal	GW	P
BULL HORN FED 15-13-30-25	15	300S	250E	4303731891	14393	Federal	GW	P
BULL HORN U 10-43	10	300S	250E	4303731831	14393	Federal	GW	S
BULL HORN FED 15-14-30-25	15	300S	250E	4303731848	14393	Federal	GW	S

RECEIVED

JAN 23 2013

FORM 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

DIV. OF OIL, GAS & MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>Multiple Well Transfer</u>		5. LEASE DESIGNATION AND SERIAL NUMBER: n/a
2. NAME OF OPERATOR: Patara Oil & Gas LLC <u>N3670</u>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: n/a
3. ADDRESS OF OPERATOR: 600 17th St. Ste. 1900S City Denver STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME: n/a
PHONE NUMBER: (303) 825-0685		8. WELL NAME and NUMBER: Multiple
4. LOCATION OF WELL FOOTAGES AT SURFACE: n/a		9. API NUMBER: n/a
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		10. FIELD AND POOL, OR WILDCAT: n/a

COUNTY: San Juan, UT

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 11/1/2012	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Patara Oil & Gas LLC (Patara) hereby requests the transfer of operating rights and responsibilities for the subject wells, listed herein, to the new owner/operator of the assets, being effective November 1, 2012; CCI Paradox Upstream LLC (CCI).

Please see Exhibit I for a detailed list of upstream assets considered for transfer. Patara midstream assets will be transferred via a separate letter, enclosed.

NAME (PLEASE PRINT) Christopher A. Noonan TITLE Regulations & Production Reporting Supervisor
SIGNATURE *Christopher A. Noonan* DATE 1/18/13

(This space for State use only)

APPROVED

FEB 12 2013

(5/2000)

DIV. OF OIL, GAS & MINING

(See Instructions on Reverse Side)

BY: Rachel Medina

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>Multiple Well Transfer</u>		5. LEASE DESIGNATION AND SERIAL NUMBER: n/a
2. NAME OF OPERATOR: CCI Paradox Upstream LLC <u>N3945</u>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: n/a
3. ADDRESS OF OPERATOR: 600 17th St. Ste. 1900S CITY <u>Denver</u> STATE <u>CO</u> ZIP <u>80202</u>		7. UNIT or CA AGREEMENT NAME: n/a
4. LOCATION OF WELL FOOTAGES AT SURFACE: <u>n/a</u>		8. WELL NAME and NUMBER: <u>Multiple</u>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		9. API NUMBER: n/a
COUNTY: <u>San Juan, UT</u>		10. FIELD AND POOL, OR WILDCAT: n/a
STATE: <u>UTAH</u>		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: <u>11/1/2012</u>	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

CCI Paradox Upstream LLC (CCI), hereby requests the transfer of operating rights and responsibilities for the subject wells, listed herein, to the new owner/operator of the assets, CCI, being effective November 1, 2012. The assets were previously operated by Patara Oil & Gas LLC (Patara) prior to sale.

Please see Exhibit I for a detailed list of upstream assets considered for transfer. Patara midstream assets will be transferred via a separate letter, enclosed.

Bond Number:
BLM: 105865919
State: 105865922

NAME (PLEASE PRINT) <u>Christopher A. Noonan</u>	TITLE <u>Regulations & Production Reporting Supervisor</u>
SIGNATURE <u>[Signature]</u>	DATE <u>2/6/2012</u>

(This space for State use only)

APPROVED

FEB 12 2013

DIV. OIL GAS & MINING

BY: Rachel Medina

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FEB 07 2013

Div. of Oil, Gas & Mining

Exhibit I

BLM Form 3160-5 Transfer of Operator

Utah Form 9 Transfer of Operator

State of Utah Upstream Assets

01/09/2013

API Well Number	Operator	Well Name	Well Status	Well Type	Field Name	County	Qtr/Qtr	Section	Township-Range)
✓ 43-037-15049-00-00	PATARA OIL & GAS LLC	LISBON D-616	Shut-In	Oil Well	LISBON	SAN JUAN	NENE	16	30S-24E 1
✓ 43-037-15123-00-00	PATARA OIL & GAS LLC	LISBON B-615	Producing	Oil Well	LISBON	SAN JUAN	NENW	15	30S-24E 2
✓ 43-037-15769-00-00	PATARA OIL & GAS LLC	LISBON B912	Shut-In	Oil Well	LISBON	SAN JUAN	SESW	12	30S-24E 3
✓ 43-037-16219-00-00	PATARA OIL & GAS LLC	BIG INDIAN UNIT 1	Shut-In	Oil Well	BIG INDIAN (MADISON)	SAN JUAN	SENE	33	29S-24E 11
✓ 43-037-16221-00-00	PATARA OIL & GAS LLC	BIG INDIAN 4	Shut-In	Gas Well	BIG INDIAN (HERMOSA)	SAN JUAN	SWSW	14	30S-25E 5
✓ 43-037-16237-00-00	PATARA OIL & GAS LLC	LISBON A-715	Inactive	Water Disposal Well	LISBON	SAN JUAN	SWNW	15	30S-24E 6
✓ 43-037-16240-00-00	PATARA OIL & GAS LLC	LISBON B-613	Shut-In	Oil Well	LISBON	SAN JUAN	NENW	13	30S-24E 7
✓ 43-037-16242-00-00	PATARA OIL & GAS LLC	LISBON B-616	Shut-In	Oil Well	LISBON	SAN JUAN	NESW	16	30S-24E 8
✓ 43-037-16244-00-00	PATARA OIL & GAS LLC	BELCO ST 4 (LISBON B-816)	Active	Water Disposal Well	LISBON	SAN JUAN	NESW	16	30S-24E 9
✓ 43-037-16245-00-00	PATARA OIL & GAS LLC	LISBON C-69	Shut-In	Oil Well	LISBON	SAN JUAN	NWNE	9	30S-24E 10

✓ 43-037-16247-00-00	PATARA OIL & GAS LLC	LISBON C-94	Shut-In	Oil Well	LISBON	SAN JUAN	SWSE	4	30S-24E 11
✓ 43-037-16250-00-00	PATARA OIL & GAS LLC	LISBON UNIT D-84	Shut-In	Oil Well	LISBON	SAN JUAN	NESE	4	30S-24E 12
✓ 43-037-16251-00-00	PATARA OIL & GAS LLC	LISBON D-89	Shut-In	Oil Well	LISBON	SAN JUAN	NESE	9	30S-24E 13
43-037-16469-00-00	PATARA OIL & GAS LLC	LISBON U B-610	Producing	Oil Well	LISBON	SAN JUAN	NENW	10	30S-24E 14
43-037-16471-00-00	PATARA OIL & GAS LLC	NW LISBON USA A-2 (D-810)	Producing	Gas Well	LISBON	SAN JUAN	NESE	10	30S-24E 15
43-037-30054-00-00	PATARA OIL & GAS LLC	LISBON B-84	Shut-In	Oil Well	LISBON	SAN JUAN	NESW	4	30S-24E 16
43-037-30082-00-00	PATARA OIL & GAS LLC	LISBON B-814	Active	Water Disposal Well	LISBON	SAN JUAN	NESW	14	30S-24E 17
43-037-30317-00-00	PATARA OIL & GAS LLC	FEDERAL 15-25	Shut-In	Gas Well	WILSON CANYON	SAN JUAN	SWSE	25	29S-23E 18
43-037-30693-00-00	PATARA OIL & GAS LLC	LISBON C-99	Shut-In	Oil Well	LISBON	SAN JUAN	SWSE	9	30S-24E 19
43-037-30694-00-00	PATARA OIL & GAS LLC	LISBON U D-610	Shut-In	Gas Well	LISBON	SAN JUAN	NENE	10	30S-24E 20
43-037-30695-00-00	PATARA OIL & GAS LLC	LISBON B-94	Shut-In	Oil Well	LISBON	SAN JUAN	SESW	4	30S-24E 1
43-037-31014-00-00	PATARA OIL & GAS LLC	LISBON UNIT A-911	Producing	Gas Well	LISBON	SAN JUAN	SWSW	11	30S-24E 2
43-037-31034-00-00	PATARA OIL & GAS LLC	LISBON UNIT D-716	Shut-In	Oil Well	LISBON	SAN JUAN	SENE	16	30S-24E 3
43-037-31323-00-00	PATARA OIL & GAS LLC	LISBON C-910	Shut-In	Oil Well	LISBON	SAN JUAN	SWSE	10	30S-24E 4
43-037-31351-00-00	PATARA OIL & GAS LLC	LISBON B-614A	Shut-In	Oil Well	LISBON	SAN JUAN	NENW	14	30S-24E 5
43-037-31433-00-00	PATARA OIL & GAS LLC	LISBON B-810	Producing	Oil Well	LISBON	SAN JUAN	NESW	10	30S-24E 6

43-037-31829-00-00	PATARA OIL & GAS LLC	BIG INDIAN 35-24	Shut-In	Gas Well	SOUTH PINE RIDGE	SAN JUAN	SENE	35	29S-24E 7
43-037-31831-00-00	PATARA OIL & GAS LLC	BULL HORN U 10-43	Producing	Gas Well	BIG INDIAN (HERMOSA)	SAN JUAN	SWSE	10	30S-25E 8
43-037-31838-00-00	PATARA OIL & GAS LLC	MIDDLE MESA ST 36-14-29-24	Producing	Gas Well	SOUTH PINE RIDGE	SAN JUAN	NENE	36	29S-24E 9
43-037-31843-00-00	PATARA OIL & GAS LLC	BULL HORN FED 9-14-30-25	Producing	Gas Well	BIG INDIAN (HERMOSA)	SAN JUAN	NENE	9	30S-25E 30
43-037-31848-00-00	PATARA OIL & GAS LLC	BULL HORN FED 15-14-30-25	Producing	Gas Well	BIG INDIAN (HERMOSA)	SAN JUAN	NENE	15	30S-25E 1
43-037-31849-00-00	PATARA OIL & GAS LLC	BULL HORN FED 10-21-30-25	Producing	Gas Well	BIG INDIAN (HERMOSA)	SAN JUAN	NWSW	10	30S-25E 2
43-037-31850-00-00	PATARA OIL & GAS LLC	BIG INDIAN FED 14-21-30-25	Producing	Gas Well	BIG INDIAN (HERMOSA)	SAN JUAN	SWNW	14	30S-25E 3
43-037-31853-00-00	PATARA OIL & GAS LLC	MIDDLE MESA FED 5-6-30-25	Producing	Gas Well	SOUTH PINE RIDGE	SAN JUAN	LOT6	5	30S-25E 4
43-037-31854-00-00	PATARA OIL & GAS LLC	MIDDLE MESA FED 31-31-29-25	Producing	Gas Well	SOUTH PINE RIDGE	SAN JUAN	NWSW	31	29S-25E 5
43-037-31855-00-00	PATARA OIL & GAS LLC	MIDDLE MESA ST 36-12-29-24	Shut-In	Gas Well	SOUTH PINE RIDGE	SAN JUAN	NENW	36	29S-24E 6
43-037-31856-00-00	PATARA OIL & GAS LLC	MIDDLE MESA ST 36-24-29-24	Producing	Gas Well	SOUTH PINE RIDGE	SAN JUAN	SENE	36	29S-24E 7
43-037-31859-00-00	PATARA OIL & GAS LLC	BIG INDIAN FED 15-24-30-25	Shut-In	Gas Well	BIG INDIAN (HERMOSA)	SAN JUAN	SWNW	14	30S-25E 8
43-037-31860-00-00	PATARA OIL & GAS LLC	BIG INDIAN FED 14-42-30-25	Producing	Gas Well	BIG INDIAN (HERMOSA)	SAN JUAN	SESW	14	30S-25E 9
43-037-31861-00-00	PATARA OIL & GAS LLC	BULL HORN FED 10-42-30-25	Shut-In	Gas Well	BIG INDIAN (HERMOSA)	SAN JUAN	SESW	10	30S-25E 40
43-037-31864-00-00	PATARA OIL & GAS LLC	BULL HORN FED 10-31-30-25	Producing	Gas Well	BIG INDIAN (HERMOSA)	SAN JUAN	NWSW	10	30S-25E 1
43-037-31877-00-00	PATARA OIL & GAS LLC	MIDDLE MESA ST 36-12B-29-24	Producing	Gas Well	SOUTH PINE RIDGE	SAN JUAN	NENW	36	29S-24E 2

43-037-31878-00-00	PATARA OIL & GAS LLC	MIDDLE MESA ST 36-24B-29-24	Producing	Gas Well	SOUTH PINE RIDGE	SAN JUAN	SENE	36	29S-24E ³
43-037-31883-00-00	PATARA OIL & GAS LLC	BIG INDIAN FED 15-24B-30-25	Shut-In	Gas Well	BIG INDIAN (HERMOSA)	SAN JUAN	SWNW	14	30S-25E ⁴
43-037-31884-00-00	PATARA OIL & GAS LLC	BIG INDIAN FED 23-13B-30-25	Approved permit (APD); not yet spudded	Gas Well	BIG INDIAN (HERMOSA)	SAN JUAN	NWNE	23	30S-25E ⁵
43-037-31885-00-00	PATARA OIL & GAS LLC	BIG INDIAN FED 23-13-30-25	Approved permit (APD); not yet spudded	Gas Well	BIG INDIAN (HERMOSA)	SAN JUAN	NWNE	23	30S-25E ⁶
43-037-31891-00-00	PATARA OIL & GAS LLC	BULL HORN FED 15-13-30-25	Producing	Gas Well	BIG INDIAN (HERMOSA)	SAN JUAN	NENE	15	30S-25E ⁷
43-037-31893-00-00	PATARA OIL & GAS LLC	MIDDLE MESA FED 30-41-29-25	Approved permit (APD); not yet spudded	Gas Well	UNDESIGNATED	SAN JUAN	SWSW	30	29S-25E ⁸
43-037-31897-00-00	PATARA OIL & GAS LLC	MIDDLE MESA FED 5-10-30-25	Spudded (Drilling commenced: Not yet completed)	Gas Well	SOUTH PINE RIDGE	SAN JUAN	LT10	5	30S-25E ⁹
43-037-31901-00-00	PATARA OIL & GAS LLC	MIDDLE MESA FED 25-43-29-24	Approved permit (APD); not yet spudded	Gas Well	UNDESIGNATED	SAN JUAN	SWSE	25	29S-24E ¹⁰
43-037-31902-00-00	PATARA OIL & GAS LLC	MIDDLE MESA FED 25-41-29-24	Producing	Gas Well	SOUTH PINE RIDGE	SAN JUAN	SWSW	25	29S-24E ¹
43-037-31903-00-00	PATARA OIL & GAS LLC	MIDDLE MESA FED 25-31-29-24	Producing	Gas Well	SOUTH PINE RIDGE	SAN JUAN	NWSW	25	29S-24E ²
43-037-31904-00-00	PATARA OIL & GAS LLC	MIDDLE MESA FED 26-34-29-24	Producing	Gas Well	SOUTH PINE RIDGE	SAN JUAN	NESW	26	29S-24E ³

43-037-31905-00-00	PATARA OIL & GAS LLC	MIDDLE MESA FED 26-23-29-24	Approved permit (APD); not yet spudded	Gas Well	UNDESIGNATED	SAN JUAN	SWNE	26	29S-24E 4
43-037-31906-00-00	PATARA OIL & GAS LLC	MIDDLE MESA FED 31-44-29-25	Producing	Gas Well	SOUTH PINE RIDGE	SAN JUAN	SESE	31	29S-25E 5
43-037-31907-00-00	PATARA OIL & GAS LLC	MIDDLE MESA FED 31-33-29-25	Producing	Gas Well	SOUTH PINE RIDGE	SAN JUAN	NWSE	31	29S-25E 4
43-037-31909-00-00	PATARA OIL & GAS LLC	MIDDLE MESA FED 31-22-29-25	Approved permit (APD); not yet spudded	Gas Well	SOUTH PINE RIDGE	SAN JUAN	SENW	31	29S-25E 7
43-037-31910-00-00	PATARA OIL & GAS LLC	MIDDLE MESA FED 31-11-29-25	Approved permit (APD); not yet spudded	Gas Well	SOUTH PINE RIDGE	SAN JUAN	NWNW	31	29S-25E 8
43-037-50008-00-00	PATARA OIL & GAS LLC	CISCO STATE 36-13	Temporarily-Abandoned	Gas Well	WILDCAT	SAN JUAN	NWNE	36	31S-24E 9
43-037-50010-00-00	PATARA OIL & GAS LLC	MIDDLE MESA FED 4-20-30-25	Producing	Gas Well	SOUTH PINE RIDGE	SAN JUAN	SWNW	4	30S-25E 60
43-037-50012-00-00	PATARA OIL & GAS LLC	Lisbon 11-32MC	Returned APD (Unapproved)	Oil Well	UNDESIGNATED	SAN JUAN	SWNE	11	30S-24E 1
43-037-50013-00-00	PATARA OIL & GAS LLC	Lisbon 14-11MC	Approved permit (APD); not yet spudded	Oil Well	LISBON	SAN JUAN	NWNW	14	30S-24E 2
43-037-50014-00-00	PATARA OIL & GAS LLC	Lisbon 10-44MC	Approved permit (APD); not yet spudded	Oil Well	LISBON	SAN JUAN	NWNW	14	30S-24E 3

43-037-50015-00-00	PATARA OIL & GAS LLC	Lisbon 3-32MC	Approved permit (APD); not yet spudded	Oil Well	LISBON	SAN JUAN	NESE	4	4 30S-24E
43-037-50016-00-00	PATARA OIL & GAS LLC	Lisbon 11-33MC	Approved permit (APD); not yet spudded	Oil Well	LISBON	SAN JUAN	NENW	14	5 30S-24E
43-037-50017-00-00	PATARA OIL & GAS LLC	Lisbon 11-21MC	Approved permit (APD); not yet spudded	Gas Well	LISBON	SAN JUAN	NWSE	10	6 30S-24E
43-037-50018-00-00	PATARA OIL & GAS LLC	Lisbon 3-43MC	Approved permit (APD); not yet spudded	Oil Well	LISBON	SAN JUAN	SESE	3	7 30S-24E
43-037-50019-00-00	PATARA OIL & GAS LLC	Lisbon 10-33MC	Spudded (Drilling commenced: Not yet completed)	Oil Well	LISBON	SAN JUAN	NWSE	10	8 30S-24E
43-037-50021-00-00	PATARA OIL & GAS LLC	Middle Mesa Fed 31-42-29-25	Approved permit (APD); not yet spudded	Gas Well	SOUTH PINE RIDGE	SAN JUAN	SESW	31	9 29S-25E
43-037-50026-00-00	PATARA OIL & GAS LLC	Middle Mesa Federal 5-8-30-25	Approved permit (APD); not yet spudded	Gas Well	SOUTH PINE RIDGE	SAN JUAN	NENE	5	10 30S-25E